

IN RE: PETITION FOR SPECIAL EXCEPTION * BEFORE THE
NE/Corner Pacers Lane and * DEPUTY ZONING COMMISSIONER
High Stepper Court * OF BALTIMORE COUNTY
(2 High Stepper Court)
3rd Election District * Case No. 97-35-X
2nd Councilmanic District
Annen Woods #4, a Maryland Corporation - Legal Owner
AT&T Wireless Services, Inc., - Contract Lessee - Petitioners

* * * * *

FINDINGS OF FACT AND CONCLUSIONS OF LAW

This matter comes before the Deputy Zoning Commissioner as a Petition for Special Exception for that property known as 2 High Stepper Court, located in the vicinity of Park Heights Avenue in Pikesville. The Petition was filed by the owner of the property, Annen Woods #4, a Maryland Corporation, by Howard B. Merker, and the Contract Lessee, AT&T Wireless Services, Inc., by Frances Kingsbury, Agent, through their attorney, S. Leonard Rottman, Esquire. The Petitioners seek approval of a wireless transmitting and receiving facility at the subject location, pursuant to Section 1B01.1.C.20 of the Baltimore County Zoning Regulations (B.C.Z.R.). The subject property and relief sought are more particularly described on the site plan submitted which was accepted and marked into evidence as Petitioner's Exhibit 1.

Appearing at the hearing on behalf of the Petition were Howard Merker with Annen Woods, Legal Owner of the property, Michael H. Yglesio, John Andrews, Richard Davis and Brad Fleegle with AT&T Wireless Services, Inc., Contract Lessee, and Paul A. Dorf, Esquire, attorney for the Petitioners. There were no protestants present.

Testimony and evidence offered revealed that the subject property consists of 1.756 acres, more or less, zoned D.R. 16 and is improved with a six-story condominium building known as 2 High Stepper Court. The

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Date

By

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Petitioners are desirous of locating a wireless transmitting and receiving facility atop the roof of the subject building in accordance with Petitioner's Exhibit 1. The Petitioners submitted as Petitioner's Exhibit 2, the required Environmental Impact Statement, which indicates the suitability of the subject site for the proposed use. On behalf of the Petitioners, Mr. Merker testified that his association supports the proposed installation of the subject facility on top of the existing building as opposed to the installation of a monopole or tower elsewhere on the site. Furthermore, there were no adverse comments submitted by any Baltimore County reviewing agency.

It is clear that the B.C.Z.R. permits the use proposed in a D.R.16 zone by special exception. It is equally clear that the proposed use would not be detrimental to the primary uses in the vicinity. Therefore, it must be determined if the conditions as delineated in Section 502.1 are satisfied.

The Petitioner had the burden of adducing testimony and evidence which would show that the proposed use met the prescribed standards and requirements set forth in Section 502.1 of the B.C.Z.R. The Petitioner has shown that the proposed use would be conducted without real detriment to the neighborhood and would not adversely affect the public interest. The facts and circumstances do not show that the proposed use at the particular location described by Petitioner's Exhibit 1 would have any adverse impact above and beyond that inherently associated with such a special exception use, irrespective of its location within the zone. Schultz v. Pritts, 432 A.2d 1319 (1981).

The proposed use will not be detrimental to the health, safety, or general welfare of the locality, nor tend to create congestion in

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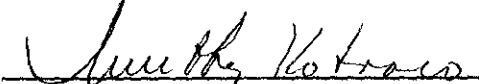
roads, streets, or alleys therein, nor be inconsistent with the purposes of the property's zoning classification, nor in any other way be inconsistent with the spirit and intent of the B.C.Z.R.

After reviewing all of the testimony and evidence presented, it appears that the special exception should be granted with certain restrictions as more fully described below.

Pursuant to the advertisement, posting of the property, and public hearing on this Petition held, and for the reasons given above, the relief requested in the special exception should be granted.

THEREFORE, IT IS ORDERED by the Deputy Zoning Commissioner for Baltimore County this 11th day of September, 1996 that the Petition for Special Exception to approve a wireless transmitting and receiving facility at the subject location, pursuant to Section 1B01.1.C.20 of the Baltimore County Zoning Regulations (B.C.Z.R.), and in accordance with Petitioner's Exhibit 1, be and is hereby GRANTED, subject to the following restriction:

- 1) The Petitioners may apply for their building permit and be granted same upon receipt of this Order; however, Petitioners are hereby made aware that proceeding at this time is at their own risk until such time as the 30-day appellate process from this Order has expired. If, for whatever reason, this Order is reversed, the relief granted herein shall be rescinded.


TIMOTHY M. KOTROCO
Deputy Zoning Commissioner
for Baltimore County

TMK:bjs

RECEIVED FOR AT 10:00
SEP 11 1996
bjs

Baltimore County Government
Zoning Commissioner
Office of Planning and Zoning



Suite 112 Courthouse
400 Washington Avenue
Towson, MD 21204

September 11, 1996

(410) 887-4386

Paul A. Dorf, Esquire
Adelberg, Rudow, Dorf, Hendler & Sameth
600 Mercantile Bank & Trust Building
Two Hopkins Plaza
Baltimore, Maryland 21201

RE: PETITION FOR SPECIAL EXCEPTION
NE/Corner Pacers Lane and High Stepper Court
(2 High Stepper Court)
3rd Election District - 2nd Councilmanic District
Annen Woods #4, a Maryland Corporation - Legal Owner, and
AT&T Wireless Services, Inc., - Contract Lessee - Petitioners
Case No. 97-35-X

Dear Mr. Dorf:

Enclosed please find a copy of the decision rendered in the above-captioned matter. The Petition for Special Exception has been granted in accordance with the attached Order.

In the event any party finds the decision rendered is unfavorable, any party may file an appeal to the County Board of Appeals within thirty (30) days of the date of this Order. For further information on filing an appeal, please contact the Zoning Administration and Development Management office at 887-3391.

Very truly yours,

A handwritten signature in cursive script, reading "Timothy M. Kotroco".

TIMOTHY M. KOTROCO
Deputy Zoning Commissioner
for Baltimore County

TMK:bjs

cc: Mr. Howard Merker, Annen Woods #4
2 High Stepper Court, Pikesville, Md. 21208

Mr. Frances Kingsbury, AT&T Wireless Services, Inc.
8403 Colesville Road, Silver Spring, Md. 20910

Mr. Jack Andrews, Broadcast Tower Sites, Inc.
4340 East West Highway, Bethesda, Md. 20814

People's Counsel; Case File

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Petition for Special Exception to the Zoning Commissioner of Baltimore County

for the property located at Two High Stepper Court

97-35-X

which is presently zoned DR 16

This Petition shall be filed with the Office of Zoning Administration & Development Management.

The undersigned, legal owner(s) of the property situate in Baltimore County and which is described in the description and plat attached hereto and made a part hereof, hereby petition for a Special Exception under the Zoning Regulations of Baltimore County, to use the herein described property for

a wireless transmitting and receiving facility pursuant to 1B01.1.C.20

Property is to be posted and advertised as prescribed by Zoning Regulations.

I, or we, agree to pay expenses of above Special Exception advertising, posting, etc., upon filing of this petition, and further agree to and are to be bound by the zoning regulations and restrictions of Baltimore County adopted pursuant to the Zoning Law for Baltimore County.

Contract Purchaser/Lessee:

AT&T Wireless Services, Inc.

Frances Kingsbury
(Type or Print Name)

Frances Kingsbury, agent
Signature

8403 Colesville Road
Address

Silver Spring, MD 20910
City State Zipcode

Attorney for Petitioner:

S. Leonard Rottman

Adelberg, Rudow, Dorf, Hendler & Sameth, LLC
(Type or Print Name)

[Signature]
Signature

600 Mercantile Bank & Trust Building
Two Hopkins Plaza 539-5195
Address Phone No.
Baltimore, MD 21201
City State Zipcode

I/We do solemnly declare and affirm, under the penalties of perjury, that I/we are the legal owner(s) of the property which is the subject of this Petition.

Legal Owner(s):

Annen Woods #4, a MD Corporation
(Type or Print Name)

[Signature]
Signature

Howard A. Meeker for Annen Woods
(Type or Print Name)

Signature

Two High Stepper Court

Address Phone No.

Pikesville, MD 21208
City State Zipcode

Name, Address and phone number of legal owner, contract purchaser, or representative to be contacted.

Jack Andrews, Broadcast Tower Sites, Inc.
Name
4340 East West Hwy, Bethesda, MD 20814
(301) 652-1496
Address Phone No.

OFFICE USE ONLY

ESTIMATED LENGTH OF HEARING _____
unavailable for Hearing

the following dates _____ Next Two Months

ALL _____ OTHER _____

REVIEWED BY: SMA DATE 7-23-96

Zoning Administration
& Development Management

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31

ORDER RECEIVED FOR FILING

Date

By

97-35-X

Description
to Accompany Petition for Special Exception
1.756 Acre Parcel
Annen Woods
2 High Stepper Court
Third Election District, Baltimore County, Maryland



Dafr. McCune Walker, Inc.

200 East Pennsylvania Avenue

Towson, Maryland 21286

410 296 3333

Fax 296 4705

A Team of Land Planners,

Landscape Architects,

Engineers, Surveyors &

Environmental Professionals

Beginning for the same on the east side of Pacers Lane, a private road, 24 feet wide, at the end of the second of the two following courses and distances measured from the point formed by the intersection of the centerline of Park Heights Avenue, 120 feet wide, with the centerline of Hooks Lane, 65 feet wide, (1) Southwesterly along the centerline of Hooks Lane 1,700 feet, more or less, thence (2) Southeasterly 385 feet, more or less, to the point of beginning, thence leaving said point of beginning and the east side of Pacers Lane and running the nine following courses and distances, viz: (1) North 62 degrees 29 minutes 48 seconds East 147.85 feet, thence (2) North 27 degrees 30 minutes 12 seconds West 19.17 feet, thence (3) North 67 degrees 06 minutes 18 seconds East 145.86 feet, thence (4) South 25 degrees 28 minutes 00 seconds East 158.31 feet, thence (5) South 64 degrees 32 minutes 00 seconds West 18.00 feet, thence (6) South 25 degrees 28 minutes 00 seconds East 42.00 feet, thence (7) South 64 degrees 32 minutes 00 seconds West 78.00 feet, thence (8) South 25 degrees 28 minutes 00 seconds East 143.00 feet, thence (9) South 64 degrees 32 minutes 00 seconds West 149.08 feet to the east side of Pacers Lane, thence running and binding on the east

31.

MICROFILMED

97-35-X

side of Pacers Lane, (10) North 33 degrees 48 minutes 24 seconds West 328.92 feet
to the point of beginning; containing 1.756 acres of land, more or less.

THIS DESCRIPTION HAS BEEN PREPARED FOR ZONING PURPOSES
ONLY AND IS NOT INTENDED TO BE USED FOR CONVEYANCE.

July 18, 1996

Project No. 96036.09 (L96036.09)



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CERTIFICATE OF POSTING
ZONING DEPARTMENT OF BALTIMORE COUNTY
Towson, Maryland

9735-X

District 321

Posted for: Special Election

Date of Posting 8/2/96

Petitioner: Home Woods #4 & After Witalus Service Corp

Location of property: 2 High Street Ct.

Location of Sign: Signs placed on property being zoned

Remarks: _____

Posted by: M. H. H. H.

Signature

Date of return: 8/16/96

Number of Signs: 1

MICROFILMED

NOTICE OF HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing on the property identified herein in Room 106 of the County Office Building, 111 W. Chesapeake Avenue in Towson, Maryland 21204 as follows:

Case #97-35-X
(Item 31)

2 High Stepper Court
NS High Stepper Court, NEC
Pacatus Lane

3rd Election District
2nd Councilmanic

Legal Owner(s):

Anne Woods #4, a MD Corporation

Contract Purchaser/Lessee:

AT&T Wireless Services, Inc.

Special Exception: for a wireless transmitting and receiving facility

Hearing: Tuesday, September 3, 1996 at 11:00 a.m. in Rm. 116, Old Courthouse.

LAWRENCE E. SCHMIDT

Zoning Commissioner for Baltimore County

NOTES: (1) Hearings are Handicapped Accessible; for special accommodations Please Call 887-3353.

(2) For information concerning the file and/or Hearing, Please Call 887-3391.

8/15/96 August 8 072815

CERTIFICATE OF PUBLICATION

TOWSON, MD., 8/8, 1996

THIS IS TO CERTIFY, that the annexed advertisement was published in THE JEFFERSONIAN, a weekly newspaper published in Towson, Baltimore County, Md., once in each of 1 successive weeks, the first publication appearing on 8/8, 1996.

THE JEFFERSONIAN,

A. H. Enick
LEGAL AD. - TOWSON

11/02/96 11:27 AM

TO: PUTUMENT PUBLISHING COMPANY
August 8, 1996 Issue - Jeffersonian

Please forward billing to:

S. Leonard Rottman, Esq.
Suite 600, Mercantile Bank Bldg.
2 Hopkins Plaza
Baltimore, MD 21201
539-5195

NOTICE OF HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing on the property identified herein in
Room 106 of the County Office Building, 111 W. Chesapeake Avenue in Towson, Maryland 21204
or
Room 118, Old Courthouse, 400 Washington Avenue, Towson, Maryland 21204 as follows:

CASE NUMBER: 97-35-X (Item 31)
2 High Stepper Court
NS High Stepper Court, NEC Pacens Lane
3rd Election District - 2nd Councilmanic
Legal Owner(s): Anne Woods #4, a MD Corporation
Contract Purchaser/Lessee: AT&T Wireless Services, Inc.

Special Exception for a wireless transmitting and receiving facility.

HEARING: TUESDAY, SEPTEMBER 3, 1996 at 11:00 a.m. in Room 118, Old Courthouse.

LAWRENCE E. SCHMIDT
ZONING COMMISSIONER FOR BALTIMORE COUNTY

NOTES: (1) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL 887-3353.
(2) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, PLEASE CALL 887-3391.

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BALTIMORE COUNTY LIQUOR BOARD

January 24, 1994
Page 6 of 9

HEARINGS

Court Reporter:

Other:

Name and Address

Time Class

2:30 p.m. A(BWL)

SHOW CAUSE

Remarks

Hearing to Show Cause Why License
Should Not be Suspended or Revoked
Due to Alleged Violations.

ARTICLE 28 - Annotated Code of Md.

Section 69. Causes
Section 70. Procedure
Section 118. Sales to Minors and
Intoxicated Persons
Prohibited.

RULES AND REGULATIONS OF THE BOARD
OF LIQUOR LICENSE COMMISSIONERS FOR
BALTIMORE COUNTY.

RULE 28 - NO SALES TO MINORS

Attorney:

Charles A. Hall, Sr.
Gloria Ann Witherspoon
NORWIL CORPORATION
t/a Norwil Liquors
10512 Reisterstown Road
Owings Mills, MD 21117
DISTRICT (04) Bowler



Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

August 2, 1996

NOTICE OF HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing on the property identified herein in
Room 106 of the County Office Building, 111 W. Chesapeake Avenue in Towson, Maryland 21204
or
Room 118, Old Courthouse, 400 Washington Avenue, Towson, Maryland 21204 as follows:

CASE NUMBER: 97-35-X (Item 31)
2 High Stepper Court
NS High Stepper Court, NEC Pacens Lane
3rd Election District - 2nd Councilmanic
Legal Owner(s): Anne Woods #4, a MD Corporation
Contract Purchaser/Lessee: AT&T Wireless Services, Inc.

Special Exception for a wireless transmitting and receiving facility.

HEARING: TUESDAY, SEPTEMBER 3, 1996 at 11:00 a.m. in Room 118, Old Courthouse.

A handwritten signature in cursive script, reading "Arnold Jablon".

Arnold Jablon
Director

cc: Annen Woods, #4, a MD Corporation
Jack Andrews/Broadcast Tower Sites, Inc.
AT&T Wireless Services, Inc.
S. Leonard Rottman, Esq.

NOTES: (1) ZONING SIGN & POST MUST BE RETURNED TO RM. 104, 111 W. CHESAPEAKE AVENUE ON THE HEARING DATE.
(2) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL 887-3353.
(3) FOR INFORMATION CONCERNG THE FILE AND/OR HEARING, CONTACT THIS OFFICE AT 887-3391.

MICROFILMED





[Signature]
DIRECTOR

BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF PERMITS AND DEVELOPMENT MANAGEMENT
TOWSON, MARYLAND 21204

[Signature]
BUILDINGS ENGINEER



Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

ZONING HEARING ADVERTISING AND POSTING REQUIREMENTS & PROCEDURES

Baltimore County zoning regulations require that notice be given to the general public/neighbors property owners relative to property which is the subject of an upcoming zoning hearing. For those petitions which require a public hearing, this notice is accomplished by posting a sign on the property and placement of a notice in at least one newspaper of general circulation in the County.

This office will ensure that the legal requirements for posting and advertising are satisfied. However, the petitioner is responsible for the costs associated with these requirements.

PAYMENT WILL BE MADE AS FOLLOWS:

- 1) Posting fees will be accessed and paid to this office at the time of filing.
- 2) Billing for legal advertising, due upon receipt, will come from and should be remitted directly to the newspaper.

NON-PAYMENT OF ADVERTISING FEES WILL STAY ISSUANCE OF ZONING ORDER.

ARNOLD JABLON, DIRECTOR

For newspaper advertising:

Item No.: 31 Petitioner: AT&T Wireless Services, Inc.

Location: Two High Stepper Court - Arroyo Woods

PLEASE FORWARD ADVERTISING BILL TO:

NAME: S. Leonard ROTHMAN

ADDRESS: Suite 600 - Mercantile Bk Bldg
2 Hopkins Plaza - Baltimore Md. 21201

PHONE NUMBER: 539-5195

Environmental Impact Statement

AT&T Wireless Services, Inc. 2 High Stepper Court Site

July 1996
Project No. 96036.09

Prepared for:
AT&T Wireless Services, Inc.
8403 Colesville Road
Silver Spring, MD 20910



Prepared by:
Daft-McCune-Walker, Inc.
200 East Pennsylvania Avenue
Towson, Maryland 21286

**PETITIONER'S
EXHIBIT 2**

(MICROFILMED)

I. INTRODUCTION

This Environmental Impact Statement (EIS) has been prepared to meet the requirements of § 502.7.C.10 of the Baltimore County Zoning Regulations, pursuant to a Petition for Special Exception for the development of a wireless transmitting and receiving facility at the Two High Stepper Court condominium building located in Pikesville. The facility will be operated by a contract lessee, AT&T Wireless Services, Inc. (AT&T), 8403 Colesville Road, Silver Spring, MD 20910.

II. PROJECT SUMMARY

The proposed project consists of the construction and operation of a wireless transmitting and receiving facility for use as a Personal Communications Service (PCS) station. The facility will consist of nine panel antennas (54"± high x 6±" wide x 3±" deep). All of the antennas will be sled-mounted and placed at three locations on the main roof of the existing six-story building. A pair of equipment cabinets housing PCS radio and interconnect equipment (7±' high x 5±' wide x 3.5±' deep) will be installed on a platform on the main roof. The station will be a component of the PCS system being constructed by AT&T to serve the Baltimore-Washington area.

The facility will be constructed on land owned by Annen Woods #4, a Maryland Corporation. The property is a part of the overall Annen Woods/Four Villages development in Pikesville. The facility will be wholly contained on the roof of the existing building within the boundary of the 1.76-acre parcel

The subject property is zoned DR-16. Lands surrounding the property are also zoned DR-16. These adjoining properties are used for high-density residential uses.

The facility can be constructed at this location with no land disturbance to the area. The site will be served by electric and telephone utilities only. No sanitary sewer, water, or natural gas facilities are needed for the operation of the facility. The facility is designed for unmanned operation, but will be subject to regular periodic maintenance visits.

III. PROBABLE ENVIRONMENTAL IMPACT

Site Clearing and Grading: The facility will be installed on an existing structure and will not require earth work or grading of any kind.

Site Drainage and Runoff: The facility will be installed atop an existing structure and will not create any new impervious area. There are no materials proposed to be used that could cause any chemical contamination of either runoff or ground water.

Wildlife Habitat: The site was visited by an Natural Resource Specialist on July 12, 1996. No significant plant or wildlife resources were found in the immediate vicinity of the proposed facility. The facility will be installed atop an existing structure, therefore no significant habitats will be disturbed.

The effects of radio broadcast towers on free ranging wildlife are largely unknown. However, studies on confined individuals indicate that non-ionizing radiation levels must be several orders of magnitude greater than those associated with this facility to have any measurable effect (see Page 3, *Acute short term exposures*). Wildlife studies on the effects of radio frequency radiation similar to that emitted by the proposed AT&T facility are unwarranted due to the extremely low levels of radiation.

Numerous studies have been conducted examining the long term migration patterns and habits of migratory birds. It is generally assumed that these birds use astronomical, magnetic, and landscape cues to compliment inherited genetic abilities to migrate. Significant landscape features such as cities, rivers, and mountain ranges are widely considered to be the features utilized by birds. More localized features such as towns, creeks, and wood lots are learned as more precise locator cues. It is unlikely that waterfowl which may migrate through the Pikesville area could be confused by the addition of this facility.

Noise: The proposed facility will not generate any audible noise on a routine operating basis.

RF Radiation:

Background - Energy associated with electromagnetic radiation depends on its frequency (or wavelength). The higher the frequency, the greater the energy. X-ray and gamma radiation are at the far end of the high-frequency radio spectrum and thus possess relatively large amounts of energy. Electromagnetic waves associated with this energy level are referred to as ionizing radiation which can alter biological molecules by stripping electrons from the atoms. It is important not to confuse the terms "ionizing" and "non-ionizing" when referring to electromagnetic radiation since their mechanisms of biological effects are quite different. The AT&T PCS system operates in a radio frequency (RF) radiation spectrum of 1950 to 1965 Megahertz (MHz). This frequency of RF radiation is within the range of non-ionizing energy. This means that the energy level is not sufficient to alter biological molecules.

Typical radiated power from an AT&T PCS transmitter is about 500 watts (W). With all six proposed transmitters operating simultaneously at full power, the entire facility will have an effective radiated power not exceeding 3,000 watts. By contrast, television and radio broadcasting facilities operate at 50,000 to 200,000 watts. When compared to power levels presented by television and radio broadcasting, one finds the PCS system power levels orders of magnitude less.

Potential Health Effects - There is an extensive body of literature published concerning the biological effects of RF radiation. These effects are dependent upon the electromagnetic frequency, the power (energy level), and the duration of exposure. It has been known for some time that high intensity doses of RF radiation can be harmful by the effect of heating biological tissue. Tissue damage can result primarily because of the body's inability to dissipate the excessive heat. These "thermal" effects are the same principles that are applied by microwave ovens and diathermy machines used in the therapeutic deep tissue treatment procedures.

a. Acute (short-term exposures)

Short-term, high intensity (100-200 mW/cm² [milliwatts per square centimeter]) RF radiation exposures to rabbits have demonstrated eye tissue changes due to thermal effects. Such effects have not been demonstrated at low level (less than 10 mW/cm²) power densities. Alterations in sperm production have also been reported and are related to thermal effects. The eyes and the testicles are particularly

inefficient at dissipating heat and thus are more susceptible to temperature related effects. It is important to note that the power densities required to produce thermal effects from short-term exposures are 150,000 to 1,500,000 times greater than the levels which can be expected at the base of the AT&T installation.

b. **Chronic (long-term exposures)**

The evidence of harmful biological effects at energy levels lower than those known to produce significant, measurable tissue heating has been controversial. The literature reports a wide range of potential non-thermal effects. These effects include behavioral modifications, reproductive, immunological and blood-forming effects, irritability, fatigue, and cardiovascular changes.

Human studies have not demonstrated significant differences between RF radiation exposed and unexposed populations. While various hypotheses have been formed to explain non-thermal effects, there is insufficient information to change currently accepted exposure level guidelines.

Standards and Guidelines:

a. **ANSI/IEEE C95.1 - 1992:**

Standards for maximum permissible RF radiation exposure levels were established by the American National Standards Institute (ANSI) in 1992, as ANSI/IEEE C95.1-1992. This standard was subsequently adopted by the Federal Communications Commission on September 19, 1994.

The maximum permissible exposure power densities designated by ANSI/IEEE C95.1-1992 were decreased by a factor of five from a 1982 ANSI standard for "uncontrolled" environments. The formula to calculate exposure limits at the frequencies used by the PCS system is:

$$f [\text{frequency (MHz)}] / 1500$$

Substituting AT&T's frequencies in the formula, the maximum permissible power density exposure limits for 1950 to 1965 MHz are 1.30 to 1.31 mW/cm², respectively. The permissible exposure is

weighted over a 30-minute time period verses a six-minute period used in the previous 1982 ANSI guidelines.

At less than 0.001 mW/cm^2 , the likely power densities at the base of the PCS system will be more than 1,200 times less than the maximum permissible exposure levels set by the ANSI guidelines.

b. **Other Guidelines**

The National Council on Radiation Protection and Measurements (NCRPM) specifies a fixed level of 1 mW/cm^2 as the acceptable exposure level for the general public. The International Radiation Protection Association's (IRPA) guidelines for public exposure also recommend 1 mW/cm^2 .

<u>Summary</u>	<u>Power Density</u> <u>(mW/cm²)</u>
ANSI/IEEE Maximum Permissible	1.30
NCRPM and IRPA Guidelines	1
Maximum Exposure Level at the base of a PCS Installation	<.001

Power Densities:

a. **PCS Systems**

A recent safety analysis by Bell Laboratories (October 12, 1995), indicates that "in all normally accessible areas in the neighborhood surrounding a typical PCS installation, the maximum levels of RF energy associated with operation of the antennas will be 1,200 times below the exposure limits of the 1992 ANSI/IEEE C95.1 safety guideline." The full report of this study which includes more details of the characteristics of facilities like the proposed and their relationship to the published standards and guidelines is included as Appendix A.

b. **Radio and Television**

Radio and television stations transmit at frequencies between 550 kHz and 800 MHz. These stations transmit using radiated power in the tens of thousands watts. When compared to the 3,000 watts, or less, from the proposed PCS facility, one can readily see that PCS systems do not significantly contribute to the public's overall environmental exposures to RF radiation.

Environmental measurements of RF radiation by the Environmental Protection Agency and the FCC typically find levels well below exposure guidelines. In cases where levels have exceeded guidelines, there were unusual circumstances that placed the public too close to an antenna.

IV. **DISCUSSION OF UNAVOIDABLE ADVERSE EFFECTS**

Based on the above observations, the unavoidable adverse effects can be reduced to one item: the visibility of the antennas. This facility will be installed on the building with the sled-mounted panel antennas back from the edges of the roof so that they will not significantly detract from the building's existing appearance.

V. **ALTERNATIVES TO THE PROPOSED ACTION**

Should approval for the proposed project be denied, it would be necessary to seek an alternative site within 0.25 to 0.5 mile of the present location. A tower of at least 80 feet in height and the associated equipment cabinets would have to be constructed. Approval of the proposed rooftop facility will eliminate the potential need for a freestanding monopole or tower facility.

VI. **ASSESSMENT OF LONG-TERM EFFECTS**

The long-term effects are limited to the presence of the proposed antennas. No environmental degradation will result from placing this facility on top of the existing structure.

VII. COMMITMENT OF RESOURCES

The proposed project does not require any unusual materials or resources. Approval of the project will negate the need for an additional nearby station thereby conserving the land, materials, and energy required to construct it.

VIII. CONCLUSIONS

The proposed project will cause little or no impact to the environment and in effect, will result in a benefit to the public by providing improved Personal Communication Systems service in Baltimore County.

Appendix A

**Safety Analysis of the Electromagnetic Environment in the
Vicinity of a Personal Communication Services (PCS) Base Station**

Radiation Protection and Product Safety Department
AT&T Bell Laboratories
Murray Hill, New Jersey 07974-0636

Summary

This report is a safety analysis of the radiofrequency (RF) electromagnetic environment in the vicinity of a typical AT&T Wireless Services PCS radio base station. The analysis utilizes engineering data provided by AT&T Wireless, together with well-established analytical techniques for calculating the RF electromagnetic fields associated with PCS antennas. Worst-case assumptions were used to ensure safe-side estimates, i.e., the actual values will be significantly lower than the corresponding analytical values. The analysis indicates that the maximum level of RF energy to which the public may be exposed is below all applicable health and safety limits.

Specifically, in all normally accessible areas in the neighborhood surrounding a typical PCS installation, the maximum levels of RF energy associated with operation of the antennas will be 1,200 times below the exposure limits of the 1992 ANSI/IEEE C95.1 safety guideline.

Prepared for
AT&T Wireless Services
15 E. Midland Avenue
Paramus, New Jersey 07652

October 12, 1995

1. Introduction

This report was prepared in response to a request from AT&T Wireless Services for a safety analysis of the radiofrequency (RF) electromagnetic environment in the vicinity of a typical personal communication services (PCS) base station, and an opinion regarding the concern for public health associated with long-term exposure in the environment surrounding such an installation.

2. Technical Data

PCS base station antennas transmit at frequencies between 1930 and 1965 million hertz (MHz). Like antennas used for cellular radio, PCS antennas might be mounted on a lattice tower, monopole-type structure or on a building rooftop.

Based on information provided by AT&T Wireless Services, the radiated power per transmitter (channel) for a PCS base station would be less than 10 watts, and the radiated power per sector would be less than 240 watts (assuming the maximum number of transmitters are installed and operate simultaneously). This is an extremely low power system when compared with other familiar radio systems, such as AM, FM and television broadcast, which operate upwards of 50,000 watts. Figure 1 is a diagram of the electromagnetic spectrum which also lists common uses of RF energy. Table 1 below lists engineering specifications for a PCS base station.

Table I
Engineering Specifications for a Typical PCS Radio System

Site Specifications	
antenna centerline height above grade	98 ft
number of transmit antennas per sector	1
number of receive antennas per sector	2
number of transmitters (channels) per sector	24
antenna manufacturer	DAPA
model number	58000
gain	17.15 dBi
downtilt	0°
maximum ERP† per channel	120 watts
maximum radiated power per channel	4 watts
maximum radiated power per sector‡	96 watts

† *ERP - Effective Radiated Power:* ERP is a measure of how well an antenna concentrates RF energy; it is not the power radiated from the antenna. To illustrate the difference, compare the brightness of an ordinary 100 watt light bulb with that from a 100 watt spot-light. Even though both are 100 watts, the spot-light appears brighter because it concentrates the light in one direction. In this direction, the spot light effectively appears to be emitting more than 100 watts. In other directions, there is almost no light emitted by the spot-light and it effectively appears to be much less than 100 watts.

‡ Assumes the maximum number of transmitters per sector, 24, are operating continuously.

3. Environmental Levels of RF Energy

The antenna pattern from a PCS antenna is such that the energy is propagated in a relatively narrow beam (in the vertical plane) which is directed toward the horizon. The reason for this is to provide uniform coverage. Hence, levels of RF energy directly under the antennas will not be remarkably different from the levels at points more distant.

For a PCS base station, the maximum potential exposure level associated with operation of the antennas can be readily calculated at any point in a plane at any height above grade. Based on the information provided by AT&T Wireless, and assuming that the maximum number of radio channels operates continuously, the power density at any point in a horizontal plane 6 ft above grade will be less than 1.0 millionth of a watt per centimeter squared ($1.0 \mu\text{W}/\text{cm}^2$), and also will be less than $1.3 \mu\text{W}/\text{cm}^2$ at any point in a corresponding plane 16 ft above grade. The latter is representative of the maximum power density immediately outside of the second floor of nearby residences (assuming level terrain).

The above levels are theoretical maxima that could occur and are not typical values. The calculations include the effect of field reinforcement from in-phase reflections, and the assumption was made that the maximum number of transmitters operates simultaneously and at maximum output power. Although the above values are obtained analytically, experience has shown that the technique used is extremely conservative. That is, the measured power density levels have always been found to be smaller than the corresponding calculated levels¹. Furthermore, levels inside nearby homes and buildings will be lower than those immediately outside because of the high attenuation of common building materials at these frequencies and, hence, will not be significantly different from normal ambient levels.

4. Comparison with Standards

Table 2 below shows the calculated maximal RF power density levels in the vicinity of a base station; Table 3 shows the pertinent federal, state and consensus exposure limits for human exposure to RF energy. The various exposure limits range from $1,000 \mu\text{W}/\text{cm}^2$ (public exposure) to $10,000 \mu\text{W}/\text{cm}^2$ (occupational exposure), while the corresponding calculated maximum power density levels in the environment surrounding a PCS installation from operation of the antennas would be less than $1.0 \mu\text{W}/\text{cm}^2$ (at 6 ft above grade) and $1.3 \mu\text{W}/\text{cm}^2$ (at 16 ft above grade). The power density in the main beam of the antenna will be less than $10 \mu\text{W}/\text{cm}^2$ at any distance greater than 200 ft from the antennas.

Table 2
Calculated Maximal RF Power Density Levels
for a Typical PCS Base Station

Location	Power Density ($\mu\text{W}/\text{cm}^2$)
6 ft above grade	< 1.0
16 ft above grade	< 1.3
In the main beam, 200 ft from the antennas	< 10.0

1. Petersen, R.C., and Testagrossa, P.A., Radiofrequency Fields Associated with Cellular Radio Cell-Site Antennas. *Bioelectromagnetics*, Vol. 13, No. 6 (1992).

Table 3
Summary of State, Federal and Consensus Guidelines
for Exposure to Radiofrequency Energy at Frequencies
Used for PCS

Organization/Government Agency	Exposure Population	Exposure Limit ($\mu\text{W}/\text{cm}^2$)
Occupational Safety & Health Administration (OSHA - 29 CFR 1910.97)	Occupational	10,000
American National Standards Institute (ANSI C95.1 - 1982)	Occupational Public	5,000 5,000
Institute of Electrical and Electronic Engineers (ANSI/IEEE C95.1 - 1992)	Occupational Public	6,000 1,200
National Council on Radiation Protection & Measurements (NCRP Report 86 - 1986)	Occupational Public	5,000 1,000
U.S. Federal Communications Commission (requires PCS licensees to comply with ANSI C95.1 - 1992)	Occupational Public	6,000 1,200
New Jersey Administrative Code (NJAC 7:28-42)	Public	5,000
Massachusetts Department of Health (105 CMR 122)	Public	1,000
New York State Department of Health (follows NCRP Report 86)	Public	1,000

* Latest revision of ANSI C95.1 - 1982

5. Discussion of Health Standards

Recently, press coverage has suggested an association between health effects and exposure to magnetic fields from electric-power distribution lines, and from the use of hand-held cellular telephones. This press coverage has heightened concern among some members of the public about the possibility that health effects may be associated with any exposure to electromagnetic energy. Many people feel uneasy about new or unfamiliar technology and often want absolute proof that something is safe. Such absolute guarantees are not possible since it is virtually impossible to prove that something does *not* exist. However, sound judgments can be made as to the safety of a physical agent based on the weight of the pertinent scientific evidence. This is exactly how safety guidelines are developed.

The overwhelming weight of scientific evidence unequivocally indicates that biological effects associated with exposure to RF energy are threshold effects, i.e., unless the exposure level is sufficiently high the effect will not occur regardless of exposure duration. (Unlike ionizing radiation, e.g., X-rays and nuclear radiation, repeated exposures to low level RF radiation, or nonionizing radiation, are not cumulative.) Thus, it is relatively straightforward to derive safety limits. By adding safety factors to the threshold level at which the most sensitive effect occurs, conservative exposure guidelines have been developed to ensure safety.

At present, there are more than 10,000 reports in the scientific literature which address the subject of RF bioeffects. These reports, most of which describe the results of epidemiological studies and animal studies, have been critically reviewed by leading researchers in the field and all new studies are continuously being reviewed by various groups and organizations whose interest is developing health standards. These include the U.S. Environmental Protection Agency, the National Institute for Occupational Safety and Health, the National Council on Radiation Protection and Measurements, the

standards committees sponsored by the Institute of Electrical and Electronics Engineers, the International Radiation Protection Association under the sponsorship of the World Health Organization, and the National Radiological Protection Board of the UK. All of these groups have recently either reaffirmed existing health standards, developed and adopted new health standards, or proposed health standards for exposure to RF energy.

For example, in 1986, the National Council on Radiation Protection and Measurements (NCRP) published recommended limits for occupational and public exposure². These recommendations were based on the results of an extensive critical review of the scientific literature by a committee of the leading researchers in the field of bioelectromagnetics. The literature selected included many controversial studies reporting effects at low levels. The results of all studies were weighed, analyzed and a consensus obtained establishing a conservative threshold upon which safety guidelines should be based. This threshold corresponds to the level at which the most sensitive, reproducible effects were reported in the scientific literature. Safety factors were incorporated to ensure that the resulting guidelines would be at least ten to fifty times lower than the established threshold, even under worst-case exposure conditions. The NCRP recommended that continuous occupational exposure to PCS radio frequencies should not exceed approximately 5,000 $\mu\text{W}/\text{cm}^2$, and continuous exposure of the public should not exceed 1,000 $\mu\text{W}/\text{cm}^2$.

In July of 1986, the Environmental Protection Agency published a notice in the *Federal Register*, calling for public comment on recommended federal guidance for exposure of the public³ to RF energy. As of 1987 the EPA abandoned its efforts and failed to adopt official federal RF exposure guidelines. However, in 1993 the EPA, in commenting on the Federal Communications Commission's (FCC) Notice of Proposed Rule Making⁴, recommended adoption of the 1986 NCRP limits.

Further, the maximum permissible exposure limits proposed by the Institute of Electrical and Electronics Engineers Standards Coordinating Committee SCC-28 (formerly ANSI Committee C95), were approved by the IEEE Standards Board on September 26, 1991⁵, and approved by ANSI on November 18, 1992. This 1992 ANSI/IEEE C95.1 guideline resulted from an extensive critical review of the scientific literature and recommend a limit of 6,000 $\mu\text{W}/\text{cm}^2$ for continuous occupational exposure and 1,200 $\mu\text{W}/\text{cm}^2$ for continuous exposure of the public to PCS radio frequencies. (Although there are no federal safety limits, *per se*, in order to fulfill its obligations under the National Environmental Policy Act, the FCC requires that PCS licensees comply with the limits of the 1992 ANSI/IEEE C95.1 safety guideline⁶.)

More recently, the World Health Organization's International Commission on Non-ionizing Radiation Protection⁷ and the National Radiological Protection Board in the United Kingdom⁸ independently developed and published guidelines similar to those of ANSI/IEEE. Finally, what was formerly the USSR, which traditionally had the lowest exposure guides, twice has revised upward its limits for public exposure. Thus, there is a converging consensus of the world's scientific community as to what constitutes safe levels of exposure.

2. *Biological Effects and Exposure Criteria for Radio Frequency Electromagnetic Fields*, NCRP Report No. 86, National Council on Radiation Protection and Measurements, Bethesda, MD, (1986).

3. *Federal Register*, Vol. 51, No. 146, Wednesday, July 30, 1986.

4. Notice of Proposed Rule Making, *In the Matter of Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation*, August 13, 1993. ET Docket No. 93-62.

5. *IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz*, ANSI/IEEE C95.1-1992, Institute of Electrical and Electronics Engineers, Piscataway, NJ.

6. *Code of Federal Regulations*, 47 CFR 14.52, 1994.

7. *Electromagnetic Fields (300 Hz to 300 GHz)*, Environmental Health Criteria, 137, World Health Organization, Geneva, Switzerland (1993).

8. *Board Statement on Restrictions on Human Exposure to Static and Time Varying Electromagnetic Fields and Radiation*, Documents of the NRPB, Vol. 4, No. 5, National Radiological Protection Board, Chilton, United Kingdom (1993).

With respect to the proposed PCS radio antennas, be assured that *actual* exposure levels in the vicinity of a typical base station will be below any health standard used anywhere in the world and literally thousands of times below any level reported to be associated with any verifiable functional change in humans or laboratory animals. This holds true even when all transmitters operate simultaneously and continuously. Power density levels of this magnitude are not even a subject of speculation with regard to an association with adverse health effects.

6. For Further Information

Anyone interested can obtain additional information about the environmental impact of land mobile services, including PCS, from:

Dr. Robert Cleveland, Jr.
Federal Communications Commission
Office of Engineering and Technology
Room 7002
1919 M Street NW
Washington, DC 20554
(202) 653-8169

7. Conclusion

A safety analysis has been performed with respect to potential public exposure to RF energy in the environment surrounding a typical PCS base station. The analysis utilized engineering data provided by AT&T Wireless Services together with well-established analytical techniques for estimating the environmental levels of RF energy associated with PCS antennas. Worst-case assumptions were used to ensure safe-side estimates, i.e., the actual values will be significantly lower than the corresponding analytical values. The analysis indicates that the maximum level of RF energy to which the public may be exposed will meet all applicable health and safety limits.

Specifically, in all normally accessible areas surrounding a typical PCS installation, the maximum levels of RF energy associated with operation of the antennas will be 1,200 times below the public exposure limits of the 1992 ANSI/IEEE C95.1 safety guideline.

Enclosures

Figure 1 - Electromagnetic Spectrum



Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

August 29, 1996

S. Leonard Rottman, Esquire
Adelberg, Rudow, Dorf, Hendler & Sameth, LLC
600 Mercantile Bank & Trust Building
Two Hopkins Plaza
Baltimore, MD 21201

RE: Item No.: 31
Case No.: 97-35-X
Petitioner: Annen Woods #4

Dear Mr. Rottman:

The Zoning Advisory Committee (ZAC), which consists of representatives from Baltimore County approval agencies, has reviewed the plans submitted with the above referenced petition, which was accepted for processing by Permits and Development Management (PDM), Zoning Review, on July 23, 1996.

Any comments submitted thus far from the members of ZAC that offer or request information on your petition are attached. These comments are not intended to indicate the appropriateness of the zoning action requested, but to assure that all parties (zoning commissioner, attorney, petitioner, etc.) are made aware of plans or problems with regard to the proposed improvements that may have a bearing on this case. Only those comments that are informative will be forwarded to you; those that are not informative will be placed in the permanent case file.

If you need further information or have any questions regarding these comments, please do not hesitate to contact the commenting agency or Roslyn Eubanks in the zoning office (887-3391).

Sincerely,

A handwritten signature in dark ink, appearing to read "W. Carl Richards, Jr.", is written over a faint, larger version of the same signature.

W. Carl Richards, Jr.
Zoning Supervisor

WCR/re
Attachment(s)

1 MICRON 3000



Reference #

Date Paid:

TYPE OF ZONING/ MAXIMUM # DEVICES:

DATE:

ZONING APPROVAL:

(* Serial numbers must be included; either the manufacturer's # or an owner assigned #.) ***** BELOW LINE IS FOR OFFICE USE ONLY *****

ISSUANCE OF THIS LICENSE DOES NOT FREE THE LICENSEE FROM COMPLYING WITH THE GAMBLING LAWS AND ANY OTHER LAWS AND REGULATIONS

[illegible]

Signature of Applicant	Applicant's Title	Telephone Number
------------------------	-------------------	------------------

NAME OF APPLICANT (please type or print)

OWNER OF MACHINES' ADDRESS

ZIP CODE

OWNER OF MACHINES (please type or print)

(Where devices will be operated)

NAME OF BUSINESS OWNER OR OPERATOR (please type or print)

BUSINESS LOCATION

(Where devices will be operated)

ZIP CODE

PHONE

MAKE MONEY ORDER OR CHECK PAYABLE TO "BALTIMORE COUNTY, MARYLAND".

APPLICATION DATE

887-3616

LICENSE YEAR

TOMSON, MARYLAND 21204

COUNTY OFFICE BUILDING

DEPARTMENT OF PERMITS & LICENSES

BALTIMORE COUNTY, MARYLAND

COIN OPERATED AMUSEMENT DEVICE APPLICATION

each machine

per year.



B A L T I M O R E C O U N T Y, M A R Y L A N D

I N T E R O F F I C E C O R R E S P O N D E N C E

TO: Arnold Jablon, Director
 Department of Permits & Development
 Management

Date: August 9, 1996

FROM: *RWB* Robert W. Bowling, Chief
 Development Plans Review Division

SUBJECT: Zoning Advisory Committee Meeting
 for August 12, 1996
 Item Nos. 026, 027, 028, 031, 032,
 034, 035, 036, 037, 040, 041, and
 042

The Development Plans Review Division has reviewed the subject zoning item, and we have no comments.

RWB:HJO:jrb

cc: File

B A L T I M O R E C O U N T Y , M A R Y L A N D

INTER-OFFICE CORRESPONDENCE

TO: Arnold Jablon, Director
 Permits and Development
 Management

DATE: August 1, 1996

FROM: Pat Keller, Director
 Office of Planning

SUBJECT: Petitions from Zoning Advisory Committee

The Office of Planning has no comments on the following petition(s):

Item Nos. 18, 26, 29, 31, 32, 34, 35, 36, 37, 39, 40, 41, and 42

If there should be any further questions or if this office can provide additional information, please contact Jeffrey Long in the Office of Planning at 887-3495.

Prepared by:

Jeffrey W. Long

Division Chief:

Sam L. Lewis

PK/JL

Special Provisions - Section 3

#32 PERMANENT TRAFFIC CONTROL SIGNAGE AND STRIPING

- A. All traffic control signs and striping will be in accordance with the latest edition of the manual on uniform traffic control devices for streets and highways (MUTCD).
- B. The price bid for traffic control signs and striping will include the costs for furnishing and placing of signs, complete in place, as shown, specified or directed.

#33 REMOVAL OF EXISTING UTILITIES

- A. Contractor is to remove the existing 4" gas main within the limits as required for regrading of Philadelphia Road (MD Route #7) and construction of proposed utilities only after BGE has abandoned the existing 4" line.

- B. Contractor is to remove the existing abandoned AT&T cable within the limits required for regrading of Philadelphia Road and construction of proposed utilities only.

#34 MBE/WBE REQUIREMENTS

REFER TO SECTION I, INFORMATION FOR BIDDERS, PG. I-4, —) FOR INFORMATION ON MBE/WBE REQUIREMENTS.



Maryland Department of Transportation
State Highway Administration

David L. Winstead
Secretary
Hal Kassoff
Administrator

8-5-96

Ms. Joyce Watson
Baltimore County Office of
Permits and Development Management
County Office Building, Room 109
Towson, Maryland 21204


RE: Baltimore Co.
Item No. 031 (JRA)

Dear Ms. Watson:

This office has reviewed the referenced plan and we have no objection to approval as the development does not access a State roadway and is not effected by any State Highway Administration projects.

Please contact Bob Small at 410-545-5581 if you have any questions. Thank you for the opportunity to review this plan.

Very truly yours,

for 
Ronald Burns, Chief
Engineering Access Permits
Division

BS

MICROFILMED

My telephone number is _____

Maryland Relay Service for Impaired Hearing or Speech
1-800-735-2258 Statewide Toll Free

Mailing Address: P.O. Box 717 • Baltimore, MD 21203-0717

BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT
INTER-OFFICE CORRESPONDENCE

TO: PDM

DATE: Aug 8, 96

FROM: R. Bruce Seeley
Permits and Development Review
DEPRM

SUBJECT: Zoning Advisory Committee
Meeting Date: Aug 5, 96

The Department of Environmental Protection & Resource Management has no comments for the following Zoning Advisory Committee Items:

Item #'s: 26
27
29
30
31
32
34
36
37
40
41
42

RBS:sp

BRUCE2/DEPRM/TXTSBP

Interim (20)



BALTIMORE COUNTY, MARYLAND

DEPARTMENT OF PERMITS AND DEVELOPMENT MANAGEMENT

TOWSON, MARYLAND 21204

C. J. Jabb
DIRECTOR

John R. Reing
BUILDINGS ENGINEER

Baltimore County Government
Fire Department



700 East Joppa Road
Towson, MD 21286-5500

Office of the Fire Marshal
(410) 887-4880

DATE: 08/07/96

Arnold Jablon
Director
Zoning Administration and
Development Management
Baltimore County Office Building
Towson, MD 21204
MAIL STOP-1105

RE: Property Owner: SEE BELOW

Location: DISTRIBUTION MEETING OF AUGUST 05, 1996.

Item No.: SEE BELOW

Zoning Agenda:

Gentlemen:

Pursuant to your request, the referenced property has been surveyed by this Bureau and the comments below are applicable and required to be corrected or incorporated into the final plans for the property.

8. The Fire Marshal's Office has no comments at this time,
IN REFERENCE TO THE FOLLOWING ITEM NUMBERS: 26, 27, 28, 29, 30, 31, 32, 34,
35, 36, 37, 38, 39 AND 41.

REVIEWER: LT. ROBERT P. SAUERWALD
Fire Marshal Office, PHONE 887-4881, MS-1102F

cc: File

MICROFILMED



BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF PERMITS AND DEVELOPMENT MANAGEMENT
TOWSON, MARYLAND 21204



PLUMBING PERMIT

DIRECTOR

A handwritten signature in black ink, likely belonging to the Director, is written over the word "DIRECTOR".

BUILDINGS ENGINEER

A handwritten signature in black ink, likely belonging to the Buildings Engineer, is written over the word "BUILDINGS ENGINEER".

PERMIT #: P280036 CONTROL #: 280036 DIST: 11 PREC: 00

JOB NUMBER: 1-2-921
REMARKS SMD., HEALTH JOB CONTRACT #92262
DRAWING NUMBER: 91-040 410

SEWER LOCATION: RATML
Y BRANCH IS 0+24
DEPTH 12
DEPTH 13.2
LINEAL FEET OF
HOUSE CONNECTION 23.00

PETITION PROBLEMS

#26 --- JJS

1. Where is receipt -- not in folder.

#31 --- JRA

1. Need title of person signing for legal owner.
2. No telephone number for legal owner.

#33 --- ????

1. Where is it????

#35 --- JCM?

1. Review information says JCM - handwriting is JRF. Which is correct???

#36 --- CAM

1. No description on folder.
2. No acreage on folder.
3. No election/councilmanic district on folder.

#37 --- CAM

1. No item number on petition forms.
2. No undersized lot package in folder.

#38 --- JJS

1. Need authorization for personal representative.
2. No address for legal owner.
3. No telephone number for legal owner.

MICROFILMED

July 30, 1996

Baltimore County Government
Department of Community Development



One Investment Place Suite 800
Towson, MD 21204

887-3317
Fax 887-5696

RE: PETITION FOR SPECIAL EXCEPTION	*	BEFORE THE
2 High Stepper Court, NS High Stepper Ct,		
NEC Pacens Lane, 3rd Election District,	*	ZONING COMMISSIONER
2nd Councilmanic		
Legal Owner(s): Anne Woods #4, a MD Corp.	*	OF BALTIMORE COUNTY
Contract Purchaser/Lessee: AT&T Wireless		
Services, Inc.	*	CASE NO. 97-35-X
Petitioners		
* * * * *		

ENTRY OF APPEARANCE

Please enter the appearance of the People's Counsel in the above-captioned matter. Notice should be sent of any hearing dates or other proceedings in this matter and of the passage of any preliminary or final Order.

Peter Max Zimmerman
PETER MAX ZIMMERMAN
People's Counsel for Baltimore County

Carole S. Demilio
CAROLE S. DEMILIO
Deputy People's Counsel
Room 47, Courthouse
400 Washington Avenue
Towson, MD 21204
(410) 887-2188

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 29th day of August, 1996, a copy of the foregoing Entry of Appearance was mailed to S. Leonard Rottman, Adelberg, Rudow, Dorf, 2 Hopkins Plaza, Suite 600, Baltimore, MD 21201, attorney for Petitioners.

Peter Max Zimmerman
PETER MAX ZIMMERMAN

MICROFILMED



MICROFILMED

PLEASE PRINT CLEARLY

PETITIONER(S) SIGN-IN SHEET

NAME

ADDRESS

PAUL A DORF
Michael N. Zyglenis
John Andrews
Richard DAVIS
Howard Merker
BRAD FLEEGLE

Atty for ATWT
Senior RF Engineer for ATWT
4340 East West Hwy Bethesda MD 20814
2810 Crofton MD 21114 ATWT
Annen Woods, Condo #4
4340 East West Hwy Bethesda MD 20814



MICROFILMED

IN RE: PETITION FOR SPECIAL EXCEPTION * BEFORE THE
NE/Corner Pacers Lane and
High Stepper Court * DEPUTY ZONING COMMISSIONER
(2 High Stepper Court)
3rd Election District * OF BALTIMORE COUNTY
2nd Councilmanic District
* Case No. 97-35-X
Annen Woods #4, a Maryland Corporation - Legal Owner
AT&T Wireless Services, Inc., - Contract Lessee - Petitioners

* * * * *

FINDINGS OF FACT AND CONCLUSIONS OF LAW

This matter comes before the Deputy Zoning Commissioner as a Petition for Special Exception for that property known as 2 High Stepper Court, located in the vicinity of Park Heights Avenue in Pikesville. The Petition was filed by the owner of the property, Annen Woods #4, a Maryland Corporation, by Howard B. Merker, and the Contract Lessee, AT&T Wireless Services, Inc., by Frances Kingsbury, Agent, through their attorney, S. Leonard Rottman, Esquire. The Petitioners seek approval of a wireless transmitting and receiving facility at the subject location, pursuant to Section 1B01.1.C.20 of the Baltimore County Zoning Regulations (B.C.Z.R.). The subject property and relief sought are more particularly described on the site plan submitted which was accepted and marked into evidence as Petitioner's Exhibit 1.

Appearing at the hearing on behalf of the Petition were Howard Merker with Annen Woods, Legal Owner of the property, Michael H. Yglesio, John Andrews, Richard Davis and Brad Fleegle with AT&T Wireless Services, Inc., Contract Lessee, and Paul A. Dorf, Esquire, attorney for the Petitioners. There were no protestants present.

Testimony and evidence offered revealed that the subject property consists of 1.756 acres, more or less, zoned D.R. 16 and is improved with a six-story condominium building known as 2 High Stepper Court. The

ORDER RECEIVED FOR FILING
Date _____
By _____

MICROFILMED

Petitioners are desirous of locating a wireless transmitting and receiving facility atop the roof of the subject building in accordance with Petitioner's Exhibit 1. The Petitioners submitted as Petitioner's Exhibit 2, the required Environmental Impact Statement, which indicates the suitability of the subject site for the proposed use. On behalf of the Petitioners, Mr. Merker testified that his association supports the proposed installation of the subject facility on top of the existing building as opposed to the installation of a monopole or tower elsewhere on the site. Furthermore, there were no adverse comments submitted by any Baltimore County reviewing agency.

It is clear that the B.C.Z.R. permits the use proposed in a D.R.16 zone by special exception. It is equally clear that the proposed use would not be detrimental to the primary uses in the vicinity. Therefore, it must be determined if the conditions as delineated in Section 502.1 are satisfied.

The Petitioner had the burden of adducing testimony and evidence which would show that the proposed use met the prescribed standards and requirements set forth in Section 502.1 of the B.C.Z.R. The Petitioner has shown that the proposed use would be conducted without real detriment to the neighborhood and would not adversely affect the public interest. The facts and circumstances do not show that the proposed use at the particular location described by Petitioner's Exhibit 1 would have any adverse impact above and beyond that inherently associated with such a special exception use, irrespective of its location within the zone. Schultz v. Pritts, 432 A.2d 1319 (1981).

The proposed use will not be detrimental to the health, safety, or general welfare of the locality, nor tend to create congestion in

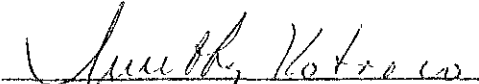
roads, streets, or alleys therein, nor be inconsistent with the purposes of the property's zoning classification, nor in any other way be inconsistent with the spirit and intent of the B.C.Z.R.

After reviewing all of the testimony and evidence presented, it appears that the special exception should be granted with certain restrictions as more fully described below.

Pursuant to the advertisement, posting of the property, and public hearing on this Petition held, and for the reasons given above, the relief requested in the special exception should be granted.

THEREFORE, IT IS ORDERED by the Deputy Zoning Commissioner for Baltimore County this 11th day of September, 1996 that the Petition for Special Exception to approve a wireless transmitting and receiving facility at the subject location, pursuant to Section 1B01.1.C.20 of the Baltimore County Zoning Regulations (B.C.Z.R.), and in accordance with Petitioner's Exhibit 1, be and is hereby GRANTED, subject to the following restriction:

- 1) The Petitioners may apply for their building permit and be granted same upon receipt of this Order; however, Petitioners are hereby made aware that proceeding at this time is at their own risk until such time as the 30-day appellate process from this Order has expired. If, for whatever reason, this Order is reversed, the relief granted herein shall be rescinded.


TIMOTHY M. KOTROCO
Deputy Zoning Commissioner
for Baltimore County

TMK:bjs

Baltimore County Government
Zoning Commissioner
Office of Planning and Zoning



Suite 112 Courthouse
400 Washington Avenue
Towson, MD 21204

September 11, 1996

(410) 887-4386

Paul A. Dorf, Esquire
Adelberg, Rudow, Dorf, Hendler & Sameth
600 Mercantile Bank & Trust Building
Two Hopkins Plaza
Baltimore, Maryland 21201

RE: PETITION FOR SPECIAL EXCEPTION
NE/Corner Pacers Lane and High Stepper Court
(2 High Stepper Court)
3rd Election District - 2nd Councilmanic District
Annen Woods #4, a Maryland Corporation - Legal Owner, and
AT&T Wireless Services, Inc., - Contract Lessee - Petitioners
Case No. 97-35-X

Dear Mr. Dorf:

Enclosed please find a copy of the decision rendered in the above-captioned matter. The Petition for Special Exception has been granted in accordance with the attached Order.

In the event any party finds the decision rendered is unfavorable, any party may file an appeal to the County Board of Appeals within thirty (30) days of the date of this Order. For further information on filing an appeal, please contact the Zoning Administration and Development Management office at 887-3391.

Very truly yours,

A handwritten signature in cursive script, reading "Timothy M. Kotroco".

TIMOTHY M. KOTROCO
Deputy Zoning Commissioner
for Baltimore County

TMK:bjs

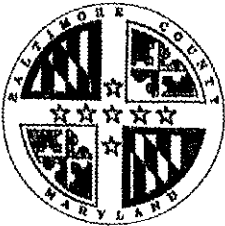
cc: Mr. Howard Merker, Annen Woods #4
2 High Stepper Court, Pikesville, Md. 21208

Mr. Frances Kingsbury, AT&T Wireless Services, Inc.
8403 Colesville Road, Silver Spring, Md. 20910

Mr. Jack Andrews, Broadcast Tower Sites, Inc.
4340 East West Highway, Bethesda, Md. 20814

People's Counsel; Case File

MICROFILMED



Petition for Special Exception to the Zoning Commissioner of Baltimore County

for the property located at Two High Stepper Court

which is presently zoned DR 16

97-35-X

This Petition shall be filed with the Office of Zoning Administration & Development Management.

The undersigned, legal owner(s) of the property situate in Baltimore County and which is described in the description and plat attached hereto and made a part hereof, hereby petition for a Special Exception under the Zoning Regulations of Baltimore County, to use the herein described property for

a wireless transmitting and receiving facility pursuant to IB01.1.C.20

Property is to be posted and advertised as prescribed by Zoning Regulations.

I, or we, agree to pay expenses of above Special Exception advertising, posting, etc., upon filing of this petition, and further agree to and are to be bound by the zoning regulations and restrictions of Baltimore County adopted pursuant to the Zoning Law for Baltimore County.

I/We do solemnly declare and affirm, under the penalties of perjury, that I/we are the legal owner(s) of the property which is the subject of this Petition.

Contract Purchaser/Lessee:

AT&T Wireless Services, Inc.

Frances Kingsbury
(Type or Print Name)

Frances Kingsbury, agent
Signature

8403 Colesville Road
Address

Silver Spring, MD 20910
City State Zipcode

Attorney for Petitioner:

S. Leonard Rottman

Adelberg, Rudow, Dorf, Hendler & Sameth, LLC
(Type or Print Name)

[Signature]
Signature

600 Mercantile Bank & Trust Building
Two Hopkins Plaza 539-5195
Address Phone No.
Baltimore, MD 21201
City State Zipcode

Legal Owner(s):

Annen Woods #4, a MD Corporation

[Signature]
Signature

Thomas B. Hester for Annen Woods
(Type or Print Name)

Signature

Two High Stepper Court

Address Phone No.

Pikesville, MD 21208
City State Zipcode

Name, Address and phone number of legal owner, contract purchaser, or representative to be contacted.

Jack Andrews, Broadcast Tower Sites, Inc.
Name
4340 East West Hwy, Bethesda, MD 20814
(301) 652-1496
Address Phone No.

OFFICE USE ONLY

ESTIMATED LENGTH OF HEARING
unavailable for Hearing

the following dates _____ Next Two Months

ALL _____ OTHER _____

REVIEWED BY: [Signature] DATE 7-23-96

Zoning Administration
& Development Management

MICROFILMED

31

97-35-X

Description
to Accompany Petition for Special Exception
1.756 Acre Parcel
Annen Woods
2 High Stepper Court
Third Election District, Baltimore County, Maryland



Daft McCune Walker, Inc.

200 East Pennsylvania Avenue

Towson, Maryland 21286

410 296 3333

Fax 296 4705

A Team of Land Planners,

Landscape Architects,

Engineers, Surveyors &

Environmental Professionals

Beginning for the same on the east side of Pacers Lane, a private road, 24 feet wide, at the end of the second of the two following courses and distances measured from the point formed by the intersection of the centerline of Park Heights Avenue, 120 feet wide, with the centerline of Hooks Lane, 65 feet wide, (1) Southwesterly along the centerline of Hooks Lane 1,700 feet, more or less, thence (2) Southeasterly 385 feet, more or less, to the point of beginning, thence leaving said point of beginning and the east side of Pacers Lane and running the nine following courses and distances, viz: (1) North 62 degrees 29 minutes 48 seconds East 147.85 feet, thence (2) North 27 degrees 30 minutes 12 seconds West 19.17 feet, thence (3) North 67 degrees 06 minutes 18 seconds East 145.86 feet, thence (4) South 25 degrees 28 minutes 00 seconds East 158.31 feet, thence (5) South 64 degrees 32 minutes 00 seconds West 18.00 feet, thence (6) South 25 degrees 28 minutes 00 seconds East 42.00 feet, thence (7) South 64 degrees 32 minutes 00 seconds West 78.00 feet, thence (8) South 25 degrees 28 minutes 00 seconds East 143.00 feet, thence (9) South 64 degrees 32 minutes 00 seconds West 149.08 feet to the east side of Pacers Lane, thence running and binding on the east

51.

MICROFILMED

97-35-X

side of Pacers Lane, (10) North 33 degrees 48 minutes 24 seconds West 328.92 feet
to the point of beginning; containing 1.756 acres of land, more or less.

THIS DESCRIPTION HAS BEEN PREPARED FOR ZONING PURPOSES
ONLY AND IS NOT INTENDED TO BE USED FOR CONVEYANCE.

July 18, 1996

Project No. 96036.09 (L96036.09)



WILLIAM

CERTIFICATE OF FILING
ZONING DEPARTMENT OF BALTIMORE COUNTY
Towson, Maryland

97-35-X

District: 32-1

Posted for: Special Excise Tax

Date of Posting: 8/24/96

Petitioner: Anne Arundel & AT&T Wireless Services Corp

Location of property: 2 High Street, Ct.

Location of Sign: Sign placed on property being zoned

Remarks:

Posted by: M. H. H. H.

Signature

Date of return: 8/16/96

Number of Signs: 1

MICROFILMED

CERTIFICATE OF PUBLICATION

THIS IS TO CERTIFY, that the annexed advertisement was published in THE JEFFERSONIAN, a weekly newspaper published in Towson, Baltimore County, Md., once in each of 1 successive weeks, the first publication appearing on 8/8, 1996.

LEGAL AD. - TOWNSON

NOTES: (1) Hearings are Hardcopied Accessible, for special accommodations please call 887-3353.

(2) For information concerning the file and/or hearing, please call 887-3351.

072610
31 JUL 82

TO: PUTKENT PUBLISHING COMPANY
August 8, 1996 Issue - Jeffersonian

Please forward billing to:

S. Leonard Rottman, Esq.
Suite 600, Mercantile Bank Bldg.
2 Hopkins Plaza
Baltimore, MD 21201
539-5195

NOTICE OF HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing on the property identified herein in
Room 106 of the County Office Building, 111 W. Chesapeake Avenue in Towson, Maryland 21204
or
Room 118, Old Courthouse, 400 Washington Avenue, Towson, Maryland 21204 as follows:

CASE NUMBER: 97-35-X (Item 31)
2 High Stepper Court
NS High Stepper Court, NEC Pacens Lane
3rd Election District - 2nd Councilmanic
Legal Owner(s): Anne Woods #4, a MD Corporation
Contract Purchaser/Lessee: AT&T Wireless Services, Inc.

Special Exception for a wireless transmitting and receiving facility.

HEARING: TUESDAY, SEPTEMBER 3, 1996 at 11:00 a.m. in Room 118, Old Courthouse.

LAWRENCE E. SCHMIDT
ZONING COMMISSIONER FOR BALTIMORE COUNTY

NOTES: (1) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL 887-3353.
(2) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, PLEASE CALL 887-3391.

MICROFILMED

BALTIMORE COUNTY LIQUOR BOARD

January 24, 1994
Page 6 of 9

HEARINGS

Court Reporter:

Other:

Name and Address

Time Class

Remarks

Charles A. Hall, Sr.
Gloria Ann Witherspoon
NORWIL CORPORATION
t/a Norwil Liquors
10512 Reisterstown Road
Owings Mills, MD 21117

2:30 p.m. A(BWL)
SHOW CAUSE

Hearing to Show Cause Why License
Should Not be Suspended or Revoked
Due to Alleged Violations.

ARTICLE 2B - Annotated Code of Md.

Section 69. Causes
Section 70. Procedure
Section 118. Sales to Minors and
Intoxicated Persons
Prohibited.

DISTRICT (04) Bowler

RULES AND REGULATIONS OF THE BOARD
OF LIQUOR LICENSE COMMISSIONERS FOR
BALTIMORE COUNTY.

RULE 28 - NO SALES TO MINORS

Attorney:



Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

August 2, 1996

NOTICE OF HEARING

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Contract Purchaser/Lessee: AT&T Wireless Services, Inc.

Special Exception for a wireless transmitting and receiving facility.

HEARING: TUESDAY, SEPTEMBER 3, 1996 at 11:00 a.m. in Room 118, Old Courthouse.

A handwritten signature in cursive script, reading "Arnold Jablon".

Arnold Jablon
Director

cc: Annen Woods, #4, a MD Corporation
Jack Andrews/Broadcast Tower Sites, Inc.
AT&T Wireless Services, Inc.
S. Leonard Rottman, Esq.

NOTES: (1) ZONING SIGN & POST MUST BE RETURNED TO RM. 104, 111 W. CHESAPEAKE AVENUE ON THE HEARING DATE.
(2) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL 887-3353.
(3) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, CONTACT THIS OFFICE AT 887-3391.

MICROFILMED





BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF PERMITS AND DEVELOPMENT MANAGEMENT
TOWSON, MARYLAND 21204

[Signature]
DIRECTOR

[Signature]
BUILDINGS ENGINEER

Environmental Impact Statement

AT&T Wireless Services, Inc. 2 High Stepper Court Site

July 1996
Project No. 96036.09

Prepared for:
AT&T Wireless Services, Inc.
8403 Colesville Road
Silver Spring, MD 20910



Prepared by:
Daft-McCune-Walker, Inc.
200 East Pennsylvania Avenue
Towson, Maryland 21286

PETITIONER'S
EXHIBIT 2

EXHIBIT 2

I. INTRODUCTION

This Environmental Impact Statement (EIS) has been prepared to meet the requirements of § 502.7.C.10 of the Baltimore County Zoning Regulations, pursuant to a Petition for Special Exception for the development of a wireless transmitting and receiving facility at the Two High Stepper Court condominium building located in Pikesville. The facility will be operated by a contract lessee, AT&T Wireless Services, Inc. (AT&T), 8403 Colesville Road, Silver Spring, MD 20910.

II. PROJECT SUMMARY

The proposed project consists of the construction and operation of a wireless transmitting and receiving facility for use as a Personal Communications Service (PCS) station. The facility will consist of nine panel antennas (54"± high x 6±" wide x 3±" deep). All of the antennas will be sled-mounted and placed at three locations on the main roof of the existing six-story building. A pair of equipment cabinets housing PCS radio and interconnect equipment (7±' high x 5±' wide x 3.5±' deep) will be installed on a platform on the main roof. The station will be a component of the PCS system being constructed by AT&T to serve the Baltimore-Washington area.

The facility will be constructed on land owned by Annen Woods #4, a Maryland Corporation. The property is a part of the overall Annen Woods/Four Villages development in Pikesville. The facility will be wholly contained on the roof of the existing building within the boundary of the 1.76-acre parcel

The subject property is zoned DR-16. Lands surrounding the property are also zoned DR-16. These adjoining properties are used for high-density residential uses.

The facility can be constructed at this location with no land disturbance to the area. The site will be served by electric and telephone utilities only. No sanitary sewer, water, or natural gas facilities are needed for the operation of the facility. The facility is designed for unmanned operation, but will be subject to regular periodic maintenance visits.

III. PROBABLE ENVIRONMENTAL IMPACT

Site Clearing and Grading: The facility will be installed on an existing structure and will not require earth work or grading of any kind.

Site Drainage and Runoff: The facility will be installed atop an existing structure and will not create any new impervious area. There are no materials proposed to be used that could cause any chemical contamination of either runoff or ground water.

Wildlife Habitat: The site was visited by an Natural Resource Specialist on July 12, 1996. No significant plant or wildlife resources were found in the immediate vicinity of the proposed facility. The facility will be installed atop an existing structure, therefore no significant habitats will be disturbed.

The effects of radio broadcast towers on free ranging wildlife are largely unknown. However, studies on confined individuals indicate that non-ionizing radiation levels must be several orders of magnitude greater than those associated with this facility to have any measurable effect (see Page 3, *Acute short term exposures*). Wildlife studies on the effects of radio frequency radiation similar to that emitted by the proposed AT&T facility are unwarranted due to the extremely low levels of radiation.

Numerous studies have been conducted examining the long term migration patterns and habits of migratory birds. It is generally assumed that these birds use astronomical, magnetic, and landscape cues to compliment inherited genetic abilities to migrate. Significant landscape features such as cities, rivers, and mountain ranges are widely considered to be the features utilized by birds. More localized features such as towns, creeks, and wood lots are learned as more precise locator cues. It is unlikely that waterfowl which may migrate through the Pikesville area could be confused by the addition of this facility.

Noise: The proposed facility will not generate any audible noise on a routine operating basis.

RF Radiation:

Background - Energy associated with electromagnetic radiation depends on its frequency (or wavelength). The higher the frequency, the greater the energy. X-ray and gamma radiation are at the far end of the high-frequency radio spectrum and thus possess relatively large amounts of energy. Electromagnetic waves associated with this energy level are referred to as ionizing radiation which can alter biological molecules by stripping electrons from the atoms. It is important not to confuse the terms "ionizing" and "non-ionizing" when referring to electromagnetic radiation since their mechanisms of biological effects are quite different. The AT&T PCS system operates in a radio frequency (RF) radiation spectrum of 1950 to 1965 Megahertz (MHz). This frequency of RF radiation is within the range of non-ionizing energy. This means that the energy level is not sufficient to alter biological molecules.

Typical radiated power from an AT&T PCS transmitter is about 500 watts (W). With all six proposed transmitters operating simultaneously at full power, the entire facility will have an effective radiated power not exceeding 3,000 watts. By contrast, television and radio broadcasting facilities operate at 50,000 to 200,000 watts. When compared to power levels presented by television and radio broadcasting, one finds the PCS system power levels orders of magnitude less.

Potential Health Effects - There is an extensive body of literature published concerning the biological effects of RF radiation. These effects are dependent upon the electromagnetic frequency, the power (energy level), and the duration of exposure. It has been known for some time that high intensity doses of RF radiation can be harmful by the effect of heating biological tissue. Tissue damage can result primarily because of the body's inability to dissipate the excessive heat. These "thermal" effects are the same principles that are applied by microwave ovens and diathermy machines used in the therapeutic deep tissue treatment procedures.

a. Acute (short-term exposures)

Short-term, high intensity (100-200 mW/cm² [milliwatts per square centimeter]) RF radiation exposures to rabbits have demonstrated eye tissue changes due to thermal effects. Such effects have not been demonstrated at low level (less than 10 mW/cm²) power densities. Alterations in sperm production have also been reported and are related to thermal effects. The eyes and the testicles are particularly

inefficient at dissipating heat and thus are more susceptible to temperature related effects. It is important to note that the power densities required to produce thermal effects from short-term exposures are 150,000 to 1,500,000 times greater than the levels which can be expected at the base of the AT&T installation.

b. **Chronic (long-term exposures)**

The evidence of harmful biological effects at energy levels lower than those known to produce significant, measurable tissue heating has been controversial. The literature reports a wide range of potential non-thermal effects. These effects include behavioral modifications, reproductive, immunological and blood-forming effects, irritability, fatigue, and cardiovascular changes.

Human studies have not demonstrated significant differences between RF radiation exposed and unexposed populations. While various hypotheses have been formed to explain non-thermal effects, there is insufficient information to change currently accepted exposure level guidelines.

Standards and Guidelines:

a. **ANSI/IEEE C95.1 - 1992:**

Standards for maximum permissible RF radiation exposure levels were established by the American National Standards Institute (ANSI) in 1992, as ANSI/IEEE C95.1-1992. This standard was subsequently adopted by the Federal Communications Commission on September 19, 1994.

The maximum permissible exposure power densities designated by ANSI/IEEE C95.1-1992 were decreased by a factor of five from a 1982 ANSI standard for "uncontrolled" environments. The formula to calculate exposure limits at the frequencies used by the PCS system is:

$$f [\text{frequency (MHz)}]/1500$$

Substituting AT&T's frequencies in the formula, the maximum permissible power density exposure limits for 1950 to 1965 MHz are 1.30 to 1.31 mW/cm², respectively. The permissible exposure is

weighted over a 30-minute time period verses a six-minute period used in the previous 1982 ANSI guidelines.

At less than 0.001 mW/cm², the likely power densities at the base of the PCS system will be more than 1,200 times less than the maximum permissible exposure levels set by the ANSI guidelines.

b. **Other Guidelines**

The National Council on Radiation Protection and Measurements (NCRPM) specifies a fixed level of 1 mW/cm² as the acceptable exposure level for the general public. The International Radiation Protection Association's (IRPA) guidelines for public exposure also recommend 1 mW/cm².

<u>Summary</u>	<u>Power Density</u> <u>(mW/cm²)</u>
ANSI/IEEE Maximum Permissible	1.30
NCRPM and IRPA Guidelines	1
Maximum Exposure Level at the base of a PCS Installation	<.001

Power Densities:

a. **PCS Systems**

A recent safety analysis by Bell Laboratories (October 12, 1995), indicates that "in all normally accessible areas in the neighborhood surrounding a typical PCS installation, the maximum levels of RF energy associated with operation of the antennas will be 1,200 times below the exposure limits of the 1992 ANSI/IEEE C95.1 safety guideline." The full report of this study which includes more details of the characteristics of facilities like the proposed and their relationship to the published standards and guidelines is included as Appendix A.

b. **Radio and Television**

Radio and television stations transmit at frequencies between 550 kHz and 800 MHz. These stations transmit using radiated power in the tens of thousands watts. When compared to the 3,000 watts, or less, from the proposed PCS facility, one can readily see that PCS systems do not significantly contribute to the public's overall environmental exposures to RF radiation.

Environmental measurements of RF radiation by the Environmental Protection Agency and the FCC typically find levels well below exposure guidelines. In cases where levels have exceeded guidelines, there were unusual circumstances that placed the public too close to an antenna.

IV. **DISCUSSION OF UNAVOIDABLE ADVERSE EFFECTS**

Based on the above observations, the unavoidable adverse effects can be reduced to one item: the visibility of the antennas. This facility will be installed on the building with the sled-mounted panel antennas back from the edges of the roof so that they will not significantly detract from the building's existing appearance.

V. **ALTERNATIVES TO THE PROPOSED ACTION**

Should approval for the proposed project be denied, it would be necessary to seek an alternative site within 0.25 to 0.5 mile of the present location. A tower of at least 80 feet in height and the associated equipment cabinets would have to be constructed. Approval of the proposed rooftop facility will eliminate the potential need for a freestanding monopole or tower facility.

VI. **ASSESSMENT OF LONG-TERM EFFECTS**

The long-term effects are limited to the presence of the proposed antennas. No environmental degradation will result from placing this facility on top of the existing structure.

VII. COMMITMENT OF RESOURCES

The proposed project does not require any unusual materials or resources. Approval of the project will negate the need for an additional nearby station thereby conserving the land, materials, and energy required to construct it.

VIII CONCLUSIONS

The proposed project will cause little or no impact to the environment and in effect, will result in a benefit to the public by providing improved Personal Communication Systems service in Baltimore County.

Appendix A

**Safety Analysis of the Electromagnetic Environment in the
Vicinity of a Personal Communication Services (PCS) Base Station**

Radiation Protection and Product Safety Department
AT&T Bell Laboratories
Murray Hill, New Jersey 07974-0636

Summary

This report is a safety analysis of the radiofrequency (RF) electromagnetic environment in the vicinity of a typical AT&T Wireless Services PCS radio base station. The analysis utilizes engineering data provided by AT&T Wireless, together with well-established analytical techniques for calculating the RF electromagnetic fields associated with PCS antennas. Worst-case assumptions were used to ensure safe-side estimates, i.e., the actual values will be significantly lower than the corresponding analytical values. The analysis indicates that the maximum level of RF energy to which the public may be exposed is below all applicable health and safety limits.

Specifically, in all normally accessible areas in the neighborhood surrounding a typical PCS installation, the maximum levels of RF energy associated with operation of the antennas will be 1,200 times below the exposure limits of the 1992 ANSI/IEEE C95.1 safety guideline.

Prepared for
AT&T Wireless Services
15 E. Midland Avenue
Paramus, New Jersey 07652

October 12, 1995

1. Introduction

This report was prepared in response to a request from AT&T Wireless Services for a safety analysis of the radiofrequency (RF) electromagnetic environment in the vicinity of a typical personal communication services (PCS) base station, and an opinion regarding the concern for public health associated with long-term exposure in the environment surrounding such an installation.

2. Technical Data

PCS base station antennas transmit at frequencies between 1930 and 1965 million hertz (MHz). Like antennas used for cellular radio, PCS antennas might be mounted on a lattice tower, monopole-type structure or on a building rooftop.

Based on information provided by AT&T Wireless Services, the radiated power per transmitter (channel) for a PCS base station would be less than 10 watts, and the radiated power per sector would be less than 240 watts (assuming the maximum number of transmitters are installed and operate simultaneously). This is an extremely low power system when compared with other familiar radio systems, such as AM, FM and television broadcast, which operate upwards of 50,000 watts. Figure 1 is a diagram of the electromagnetic spectrum which also lists common uses of RF energy. Table 1 below lists engineering specifications for a PCS base station.

Table I.
Engineering Specifications for a Typical PCS Radio System

Site Specifications	
antenna centerline height above grade	98 ft
number of transmit antennas per sector	1
number of receive antennas per sector	2
number of transmitters (channels) per sector	24
antenna manufacturer	DAPA
model number	58000
gain	17.15 dBi
downtilt	0°
maximum ERP† per channel	120 watts
maximum radiated power per channel	4 watts
maximum radiated power per sector‡	96 watts

† ERP - *Effective Radiated Power*. ERP is a measure of how well an antenna concentrates RF energy; it is not the power radiated from the antenna. To illustrate the difference, compare the brightness of an ordinary 100 watt light bulb with that from a 100 watt spot-light. Even though both are 100 watts, the spot-light appears brighter because it concentrates the light in one direction. In this direction, the spot light effectively appears to be emitting more than 100 watts. In other directions, there is almost no light emitted by the spot-light and it effectively appears to be much less than 100 watts.

‡ Assumes the maximum number of transmitters per sector, 24, are operating continuously.

3. Environmental Levels of RF Energy

The antenna pattern from a PCS antenna is such that the energy is propagated in a relatively narrow beam (in the vertical plane) which is directed toward the horizon. The reason for this is to provide uniform coverage. Hence, levels of RF energy directly under the antennas will not be remarkably different from the levels at points more distant.

For a PCS base station, the maximum potential exposure level associated with operation of the antennas can be readily calculated at any point in a plane at any height above grade. Based on the information provided by AT&T Wireless, and assuming that the maximum number of radio channels operates continuously, the power density at any point in a horizontal plane 6 ft above grade will be less than 1.0 millionth of a watt per centimeter squared ($1.0 \mu\text{W}/\text{cm}^2$), and also will be less than $1.3 \mu\text{W}/\text{cm}^2$ at any point in a corresponding plane 16 ft above grade. The latter is representative of the maximum power density immediately outside of the second floor of nearby residences (assuming level terrain).

The above levels are theoretical maxima that could occur and are not typical values. The calculations include the effect of field reinforcement from in-phase reflections, and the assumption was made that the maximum number of transmitters operates simultaneously and at maximum output power. Although the above values are obtained analytically, experience has shown that the technique used is extremely conservative. That is, the measured power density levels have always been found to be smaller than the corresponding calculated levels¹. Furthermore, levels inside nearby homes and buildings will be lower than those immediately outside because of the high attenuation of common building materials at these frequencies and, hence, will not be significantly different from normal ambient levels.

4. Comparison with Standards

Table 2 below shows the calculated maximal RF power density levels in the vicinity of a base station. Table 3 shows the pertinent federal, state and consensus exposure limits for human exposure to RF energy. The various exposure limits range from $1,000 \mu\text{W}/\text{cm}^2$ (public exposure) to $10,000 \mu\text{W}/\text{cm}^2$ (occupational exposure), while the corresponding calculated maximum power density levels in the environment surrounding a PCS installation from operation of the antennas would be less than $1.0 \mu\text{W}/\text{cm}^2$ (at 6 ft above grade) and $1.3 \mu\text{W}/\text{cm}^2$ (at 16 ft above grade). The power density in the main beam of the antenna will be less than $10 \mu\text{W}/\text{cm}^2$ at any distance greater than 200 ft from the antennas.

Table 2
Calculated Maximal RF Power Density Levels
for a Typical PCS Base Station

Location	Power Density ($\mu\text{W}/\text{cm}^2$)
6 ft above grade	< 1.0
16 ft above grade	< 1.3
In the main beam, 200 ft from the antennas	< 10.0

1. Petersen, R.C., and Testagrossa, P.A., Radiofrequency Fields: Associated with Cellular Radio Cell-Site Antennas. *Bioelectromagnetics*, Vol. 13, No. 6 (1992).

Table 3
Summary of State, Federal and Consensus Guidelines
for Exposure to Radiofrequency Energy at Frequencies
Used for PCS

Organization/Government Agency	Exposure Population	Exposure Limit ($\mu\text{W}/\text{cm}^2$)
Occupational Safety & Health Administration (OSHA - 29 CFR 1910.97)	Occupational	10,000
American National Standards Institute (ANSI C95.1 - 1982)	Occupational Public	5,000 5,000
Institute of Electrical and Electronic Engineers * (ANSI/IEEE C95.1 - 1992)	Occupational Public	6,000 1,200
National Council on Radiation Protection & Measurements (NCRP Report 86 - 1986)	Occupational Public	5,000 1,000
U.S. Federal Communications Commission (requires PCS licensees to comply with ANSI C95.1 - 1992)	Occupational Public	6,000 1,200
New Jersey Administrative Code (NJAC 7:28-42)	Public	5,000
Massachusetts Department of Health (105 CMR 122)	Public	1,000
New York State Department of Health (follows NCRP Report 86)	Public	1,000

* Latest revision of ANSI C95.1 - 1982

5. Discussion of Health Standards

Recently, press coverage has suggested an association between health effects and exposure to magnetic fields from electric-power distribution lines, and from the use of hand-held cellular telephones. This press coverage has heightened concern among some members of the public about the possibility that health effects may be associated with *any* exposure to electromagnetic energy. Many people feel uneasy about new or unfamiliar technology and often want absolute proof that something is safe. Such absolute guarantees are not possible since it is virtually impossible to prove that something does *not* exist. However, sound judgments can be made as to the safety of a physical agent based on the weight of the pertinent scientific evidence. This is exactly how safety guidelines are developed.

The overwhelming weight of scientific evidence unequivocally indicates that biological effects associated with exposure to RF energy are threshold effects, i.e., unless the exposure level is sufficiently high the effect will not occur regardless of exposure duration. (Unlike ionizing radiation, e.g., X-rays and nuclear radiation, repeated exposures to low level RF radiation, or nonionizing radiation, are not cumulative.) Thus, it is relatively straightforward to derive safety limits. By adding safety factors to the threshold level at which the most sensitive effect occurs, conservative exposure guidelines have been developed to ensure safety.

At present, there are more than 10,000 reports in the scientific literature which address the subject of RF bioeffects. These reports, most of which describe the results of epidemiological studies and animal studies, have been critically reviewed by leading researchers in the field and all new studies are continuously being reviewed by various groups and organizations whose interest is developing health standards. These include the U.S. Environmental Protection Agency, the National Institute for Occupational Safety and Health, the National Council on Radiation Protection and Measurements, the

standards committees sponsored by the Institute of Electrical and Electronics Engineers, the International Radiation Protection Association under the sponsorship of the World Health Organization, and the National Radiological Protection Board of the UK. All of these groups have recently either reaffirmed existing health standards, developed and adopted new health standards, or proposed health standards for exposure to RF energy.

For example, in 1986, the National Council on Radiation Protection and Measurements (NCRP) published recommended limits for occupational and public exposure². These recommendations were based on the results of an extensive critical review of the scientific literature by a committee of the leading researchers in the field of bioelectromagnetics. The literature selected included many controversial studies reporting effects at low levels. The results of all studies were weighed, analyzed and a consensus obtained establishing a conservative threshold upon which safety guidelines should be based. This threshold corresponds to the level at which the most sensitive, reproducible effects were reported in the scientific literature. Safety factors were incorporated to ensure that the resulting guidelines would be at least ten to fifty times lower than the established threshold, even under worst-case exposure conditions. The NCRP recommended that continuous occupational exposure to PCS radio frequencies should not exceed approximately 5,000 $\mu\text{W}/\text{cm}^2$, and continuous exposure of the public should not exceed 1,000 $\mu\text{W}/\text{cm}^2$.

In July of 1986, the Environmental Protection Agency published a notice in the *Federal Register*, calling for public comment on recommended federal guidance for exposure of the public³ to RF energy. As of 1987 the EPA abandoned its efforts and failed to adopt official federal RF exposure guidelines. However, in 1993 the EPA, in commenting on the Federal Communications Commission's (FCC) Notice of Proposed Rule Making⁴, recommended adoption of the 1986 NCRP limits.

Further, the maximum permissible exposure limits proposed by the Institute of Electrical and Electronics Engineers Standards Coordinating Committee SCC-28 (formerly ANSI Committee C95), were approved by the IEEE Standards Board on September 26, 1991⁵, and approved by ANSI on November 18, 1992. This 1992 ANSI/IEEE C95.1 guideline resulted from an extensive critical review of the scientific literature and recommend a limit of 6,000 $\mu\text{W}/\text{cm}^2$ for continuous occupational exposure and 1,200 $\mu\text{W}/\text{cm}^2$ for continuous exposure of the public to PCS radio frequencies. (Although there are no federal safety limits, *per se*, in order to fulfill its obligations under the National Environmental Policy Act, the FCC requires that PCS licensees comply with the limits of the 1992 ANSI/IEEE C95.1 safety guideline⁶.)

More recently, the World Health Organization's International Commission on Non-ionizing Radiation Protection⁷ and the National Radiological Protection Board in the United Kingdom⁸ independently developed and published guidelines similar to those of ANSI/IEEE. Finally, what was formerly the USSR, which traditionally had the lowest exposure guides, twice has revised upward its limits for public exposure. Thus, there is a converging consensus of the world's scientific community as to what constitutes safe levels of exposure:

2. *Biological Effects and Exposure Criteria for Radio Frequency Electromagnetic Fields*, NCRP Report No. 86, National Council on Radiation Protection and Measurements, Bethesda, MD, (1986).

3. *Federal Register*, Vol. 51, No. 146, Wednesday, July 30, 1986.

4. Notice of Proposed Rule Making, *In the Matter of Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation*, August 13, 1993. ET Docket No. 93-62.

5. *IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz*, ANSI/IEEE C95.1-1992, Institute of Electrical and Electronics Engineers, Piscataway, NJ.

6. *Code of Federal Regulations*, 47 CFR 24.52, 1994.

7. *Electromagnetic Fields (300 Hz to 300 GHz), Environmental Health Criteria*, 137, World Health Organization, Geneva, Switzerland (1993).

8. *Board Statement on Restrictions on Human Exposure to Static and Time Varying Electromagnetic Fields and Radiation*, Documents of the NRPB, Vol. 4, No. 5, National Radiological Protection Board, Chilton, United Kingdom (1993).

With respect to the proposed PCS radio antennas, be assured that *actual* exposure levels in the vicinity of a typical base station will be below any health standard used anywhere in the world and literally thousands of times below any level reported to be associated with any verifiable functional change in humans or laboratory animals. This holds true even when all transmitters operate simultaneously and continuously. Power density levels of this magnitude are not even a subject of speculation with regard to an association with adverse health effects.

6. For Further Information

Anyone interested can obtain additional information about the environmental impact of land mobile services, including PCS, from:

Dr. Robert Cleveland, Jr.
Federal Communications Commission
Office of Engineering and Technology
Room 7002
1919 M Street NW
Washington, DC 20554
(202) 653-8169

7. Conclusion

A safety analysis has been performed with respect to potential public exposure to RF energy in the environment surrounding a typical PCS base station. The analysis utilized engineering data provided by AT&T Wireless Services together with well-established analytical techniques for estimating the environmental levels of RF energy associated with PCS antennas. Worst-case assumptions were used to ensure safe-side estimates, i.e., the actual values will be significantly lower than the corresponding analytical values. The analysis indicates that the maximum level of RF energy to which the public may be exposed will meet all applicable health and safety limits.

Specifically, in all normally accessible areas surrounding a typical PCS installation, the maximum levels of RF energy associated with operation of the antennas will be 1,200 times below the public exposure limits of the 1992 ANSI/IEEE C95.1 safety guideline.

Enclosures

Figure 1 - Electromagnetic Spectrum



Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

August 29, 1996

S. Leonard Rottman, Esquire
Adelberg, Rudow, Dorf, Hendler & Sameth, LLC
600 Mercantile Bank & Trust Building
Two Hopkins Plaza
Baltimore, MD 21201

RE: Item No.: 31
Case No.: 97-35-X
Petitioner: Annen Woods #4

Dear Mr. Rottman:

The Zoning Advisory Committee (ZAC), which consists of representatives from Baltimore County approval agencies, has reviewed the plans submitted with the above referenced petition, which was accepted for processing by Permits and Development Management (PDM), Zoning Review, on July 23, 1996.

Any comments submitted thus far from the members of ZAC that offer or request information on your petition are attached. These comments are not intended to indicate the appropriateness of the zoning action requested, but to assure that all parties (zoning commissioner, attorney, petitioner, etc.) are made aware of plans or problems with regard to the proposed improvements that may have a bearing on this case. Only those comments that are informative will be forwarded to you; those that are not informative will be placed in the permanent case file.

If you need further information or have any questions regarding these comments, please do not hesitate to contact the commenting agency or Roslyn Eubanks in the zoning office (887-3391).

Sincerely,

A handwritten signature in dark ink, appearing to read "W. Carl Richards, Jr.", is written over a printed name.

W. Carl Richards, Jr.
Zoning Supervisor

WCR/re
Attachment(s)



COIN OPERATED AMUSEMENT DEVICE APPLICATION
BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF PERMITS & LICENSES
COUNTY OFFICE BUILDING

FEH: \$150.00
each machine
per year.

per Year.

APPLICATION DATE

887-3616

LICENSE YEAR

MAKE MONEY ORDER OR CHECK PAYABLE TO "BALTIMORE COUNTY, MARYLAND".

NAME OF BUSINESS

(Where devices will be operated)

BUSINESS LOCATION

NAME OF BUSINESS OWNER OR OPERATOR (please type or print)

(Where devices will be operated)

OWNER OF MACHINES (please type or print)

OWNER OF MACHINES' ADDRESS

ZIP CODE

NAME OF APPLICANT (please type or print)

Signature of Applicant

Applicant's title

Telephone Number

[illegible]

ISSUANCE OF THIS LICENSE DOES NOT FREE THE LICENSEE FROM COMPLYING WITH THE GAMBLING LAWS AND ANY OTHER LAWS AND REGULATIONS

LAWS AND ANY OTHER LAWS AND REGULATIONS

```

*) Serial numbers must be included; either the manufacturer's # or an owner assigned #.

```

ZONING APPROVAL:

DATE:

TYPE OF ZONING/ MAXIMUM # DEVICES:

Date Paid: _____ Cash Receipt # _____

Total Fee:

Date Issued:

Reference # _____ Data Entered

INITIALS

P&T:ADL1/92

B A L T I M O R E C O U N T Y, M A R Y L A N D

I N T E R O F F I C E C O R R E S P O N D E N C E

TO: Arnold Jablon, Director
 Department of Permits & Development
 Management

Date: August 9, 1996

FROM: *RWB* Robert W. Bowling, Chief
 Development Plans Review Division

SUBJECT: Zoning Advisory Committee Meeting
 for August 12, 1996
 Item Nos. 026, 027, 028, 031, 032,
 034, 035, 036, 037, 040, 041, and
 042

The Development Plans Review Division has reviewed the subject zoning item, and we have no comments.

RWB:HJO:jrb

cc: File

ZONE21

MICROFILMED

B A L T I M O R E C O U N T Y , M A R Y L A N D

INTER-OFFICE CORRESPONDENCE

TO: Arnold Jablon, Director
Permits and Development
Management

DATE: August 1, 1996

FROM: Pat Keller, Director
Office of Planning

SUBJECT: Petitions from Zoning Advisory Committee

The Office of Planning has no comments on the following petition(s):

Item Nos. 18, 26, 29, (31), 32, 34, 35, 36, 37, 39, 40, 41, and 42

If there should be any further questions or if this office can provide additional information, please contact Jeffrey Long in the Office of Planning at 887-3495.

Prepared by:

Jeffrey W. Long

Division Chief:

Barry L. Lewis

PK/JL

Special Provisions - Section 3

#32 PERMANENT TRAFFIC CONTROL SIGNAGE AND STRIPING

- A. All traffic control signs and striping will be in accordance with the latest edition of the manual on uniform traffic control devices for streets and highways (MUTCD).
- B. The price bid for traffic control signs and striping will include the costs for furnishing and placing of signs, complete in place, as shown, specified or directed.

#33 REMOVAL OF EXISTING UTILITIES

- A. Contractor is to remove the existing 4" gas main within the limits as required for regrading of Philadelphia Road (MD Route #7) and construction of proposed utilities only after BGE has abandoned the existing 4" line.

- B. Contractor is to remove the existing abandoned AT&T cable within the limits required for regrading of Philadelphia Road and construction of proposed utilities only.

#34 MBE/WBE REQUIREMENTS

Refer to Section I, Information for Bidders, PG. I-4, for information on MBE/WBE requirements.



Maryland Department of Transportation
State Highway Administration

David L. Winstead
Secretary
Hal Kassoff
Administrator

8-5-96

Ms. Joyce Watson
Baltimore County Office of
Permits and Development Management
County Office Building, Room 109
Towson, Maryland 21204


RE: Baltimore Co.
Item No. 031 (JRA)

Dear Ms. Watson:

This office has reviewed the referenced plan and we have no objection to approval as the development does not access a State roadway and is not effected by any State Highway Administration projects.

Please contact Bob Small at 410-545-5581 if you have any questions. Thank you for the opportunity to review this plan.

Very truly yours,

for 
Ronald Burns, Chief
Engineering Access Permits
Division

BS

(11/16/96) (11/16/96) (11/16/96)

My telephone number is _____

Maryland Relay Service for Impaired Hearing or Speech
1-800-735-2258 Statewide Toll Free

Mailing Address: P.O. Box 717 • Baltimore, MD 21202-0717

BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT
INTER-OFFICE CORRESPONDENCE

TO: PDM

DATE: Aug 8, 96

FROM: R. Bruce Seeley
Permits and Development Review
DEPRM

SUBJECT: Zoning Advisory Committee
Meeting Date: Aug 5, 96

The Department of Environmental Protection & Resource Management has no comments for the following Zoning Advisory Committee Items:

Item #'s: 26
27
29
30
31
32
34
36
37
40
41
42

RBS:sp

BRUCE2/DEPRM/TXTSBP



BALTIMORE COUNTY, MARYLAND

DEPARTMENT OF PERMITS AND DEVELOPMENT MANAGEMENT

TOWSON, MARYLAND 21204

C. J. Jabb
DIRECTOR

John R. King
BUILDINGS ENGINEER

Baltimore County Government
Fire Department



700 East Joppa Road
Towson, MD 21286-5500

Office of the Fire Marshal
(410) 887-4880

DATE: 08/07/96

Arnold Jablon
Director
Zoning Administration and
Development Management
Baltimore County Office Building
Towson, MD 21204
MAIL STOP-1105

RE: Property Owner: SEE BELOW

Location: DISTRIBUTION MEETING OF AUGUST 05, 1996.

Item No.: SEE BELOW

Zoning Agenda:

Gentlemen:

Pursuant to your request, the referenced property has been surveyed by this Bureau and the comments below are applicable and required to be corrected or incorporated into the final plans for the property.

8. The Fire Marshal's Office has no comments at this time,
IN REFERENCE TO THE FOLLOWING ITEM NUMBERS: 26, 27, 28, 29, 30, 31, 32, 34,
35, 36, 37, 38, 39 AND 41.

REVIEWER: LT. ROBERT P. SAUERWALD
Fire Marshal Office, PHONE 887-4881, MS-1102F

cc: File

MICROFILMED



BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF PERMITS AND DEVELOPMENT MANAGEMENT
TOWSON, MARYLAND 21204



PLUMBING PERMIT

DIRECTOR

A handwritten signature in black ink, likely belonging to the Director, is written over the word "DIRECTOR".

BUILDINGS ENGINEER

A handwritten signature in black ink, likely belonging to the Buildings Engineer, is written over the word "BUILDINGS ENGINEER".

PERMIT #: P280036 CONTROL #: 280036 DIST: 11 PREC: 00

JOB NUMBER: 1-2-921
REMARKS SMD., HEALTH JOB CONTRACT #92262
DRAWING NUMBER: 91-040 A10

SEWER LOCATION: RATML
Y BRANCH IS 0+24
DEPTH 12
DEPTH 13.2
LINEAL FEET OF
HOUSE CONNECTION 23.00

PETITION PROBLEMS

#26 --- JJS

1. Where is receipt -- not in folder.

#31 --- JRA

1. Need title of person signing for legal owner.
2. No telephone number for legal owner.

#33 --- ????

1. Where is it????

#35 --- JCM?

1. Review information says JCM - handwriting is JRF. Which is correct???

#36 --- CAM

1. No description on folder.
2. No acreage on folder.
3. No election/councilmanic district on folder.

#37 --- CAM

1. No item number on petition forms.
2. No undersized lot package in folder.

#38 --- JJS

1. Need authorization for personal representative.
2. No address for legal owner.
3. No telephone number for legal owner.

RECEIVED
JUL 31 1996

July 30, 1996

Baltimore County Government
Department of Community Development



One Investment Place Suite 800
Towson, MD 21204

887-3317
Fax 887-5696

RE: PETITION FOR SPECIAL EXCEPTION	*	BEFORE THE
2 High Stepper Court, NS High Stepper Ct,		
NEC Pacens Lane, 3rd Election District,	*	ZONING COMMISSIONER
2nd Councilmanic		
Legal Owner(s): Anne Woods #4, a MD Corp.	*	OF BALTIMORE COUNTY
Contract Purchaser/Lessee: AT&T Wireless		
Services, Inc.	*	CASE NO. 97-35-X
Petitioners		
* * * * *		

ENTRY OF APPEARANCE

Please enter the appearance of the People's Counsel in the above-captioned matter. Notice should be sent of any hearing dates or other proceedings in this matter and of the passage of any preliminary or final Order.

Peter Max Zimmerman
PETER MAX ZIMMERMAN
People's Counsel for Baltimore County

Carole S. Demilio
CAROLE S. DEMILIO
Deputy People's Counsel
Room 47, Courthouse
400 Washington Avenue
Towson, MD 21204
(410) 887-2188

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 29th day of August, 1996, a copy of the foregoing Entry of Appearance was mailed to S. Leonard Rottman, Adelberg, Rudow, Dorf, 2 Hopkins Plaza, Suite 600, Baltimore, MD 21201, attorney for Petitioners.

Peter Max Zimmerman
PETER MAX ZIMMERMAN

NOTED

PLEASE PRINT CLEARLY

PETITIONER(S) SIGN-IN SHEET

NAME

ADDRESS

PAUL A DORF
Michael N Zyzanski
John Andrews
Richard D. D.
Howard Markes
FRAN FLEGLER

Atty Gen A. T. V.
Senior RF Engineer for AT & T
4340 East West Highway Bethesda MD 20814
2000 P St NE Washington DC 20002
Anne Woods, Condo #4
4340 East West Highway Bethesda MD 20814



Baltimore County
Department of Permits and
Development Management

S Leonard Rottman
Adelberg, Rudow, Dorf, Hender & Sameth, LLC
600 Mercantile Bank & Trust Building
2 Hopkins Plaza
Baltimore, Maryland 21201-2927

Dear Mr. Rottman:

RE: 2 High Stepper Court, Case No. 97-35-X, 10 x 20 equipment cabinet addition,

Upon review of your request for a 10 x 20 equipment cabinet addition to the existing telecommunication facility on the roof of the subject site, it is the policy of this Office that said addition is within the spirit and intent of zoning case 97-35-X. This letter so appears on all future building permit site plans filed with this Office pertaining to this use.

If you need further information or have any questions, please do not hesitate to contact me at 410-887-3391.

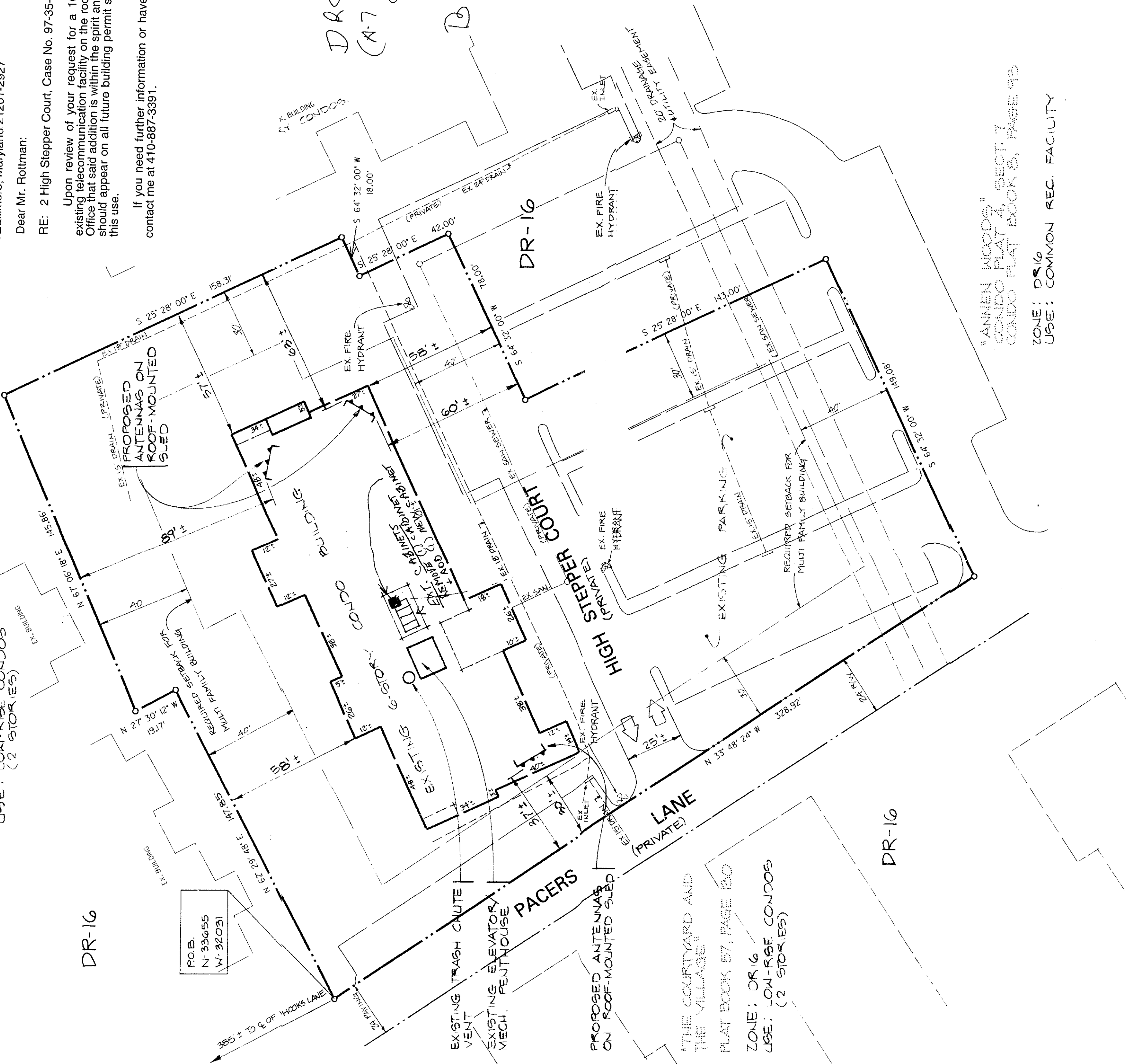
Sincerely,

Joseph C. Merrey
Joseph C. Merrey
Planner II
Zoning Review

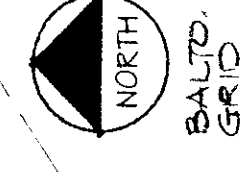
DRC #042902-C
(A7 LIMITED EXEMPTION)
GRANTED 4/19/02

B #421907

"ANNE WOODS"
CONDO PLAT BOOK 6, PAGE 74
ZONE: DR-16
USE: LOW-RISE CONDOS
(2 STORIES)



SITE PLAN



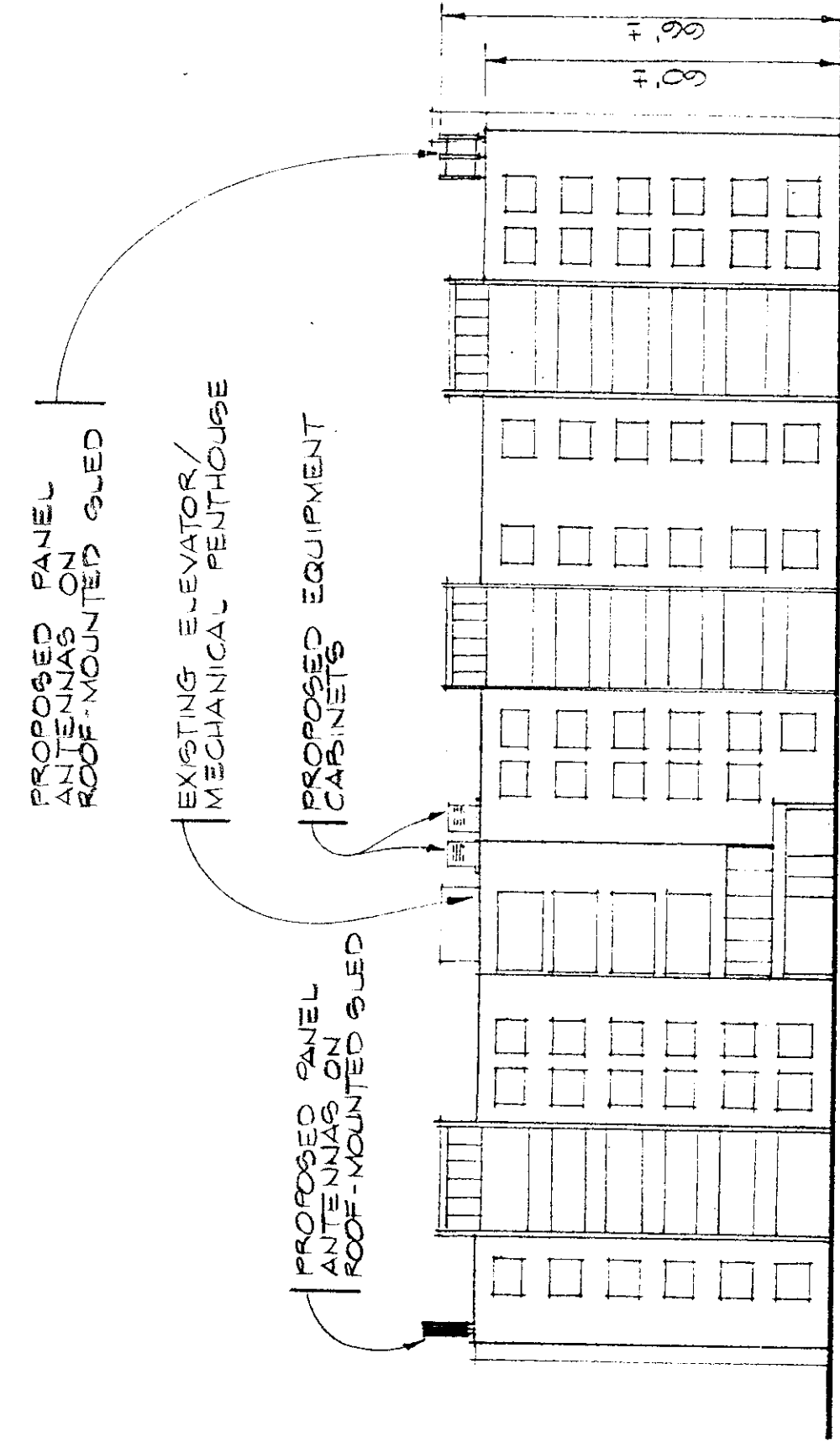
SCALE: 1"=30'

Attorney:

S Leonard Rottman
Adelberg, Rudow, Dorf, Hender & Sameth, LLC
600 Mercantile Bank & Trust Building
2 Hopkins Plaza
Baltimore, MD 21201
(410) 539-5195

SOUTH ELEVATION

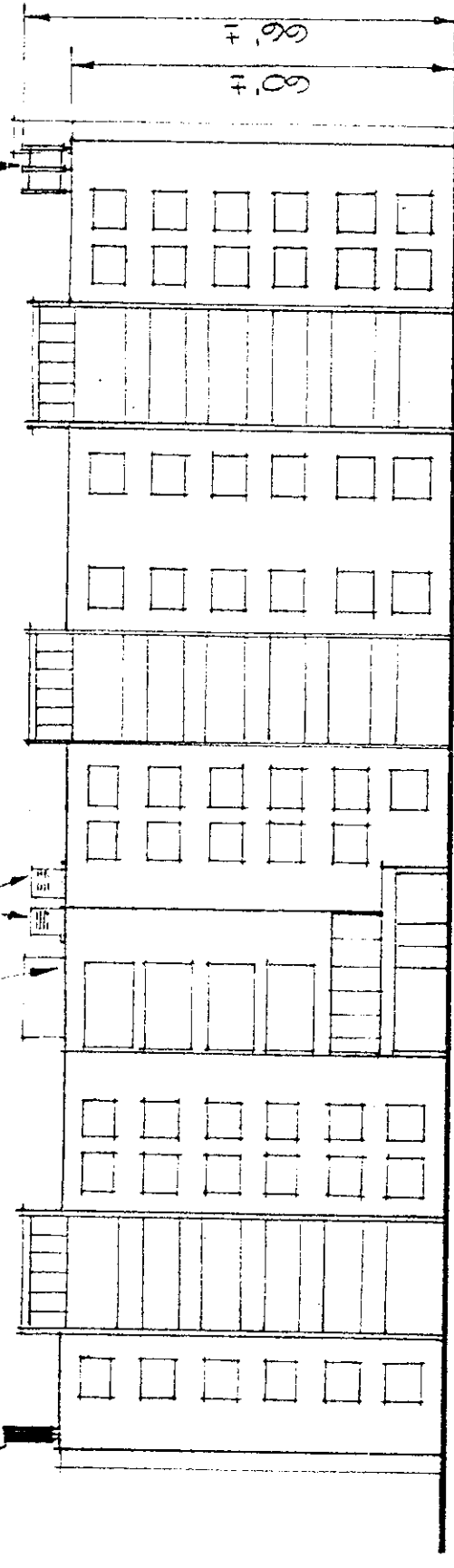
N.T.S.



PROPOSED SATELLITE ANTENNAS ON ROOF-MOUNTED SLED

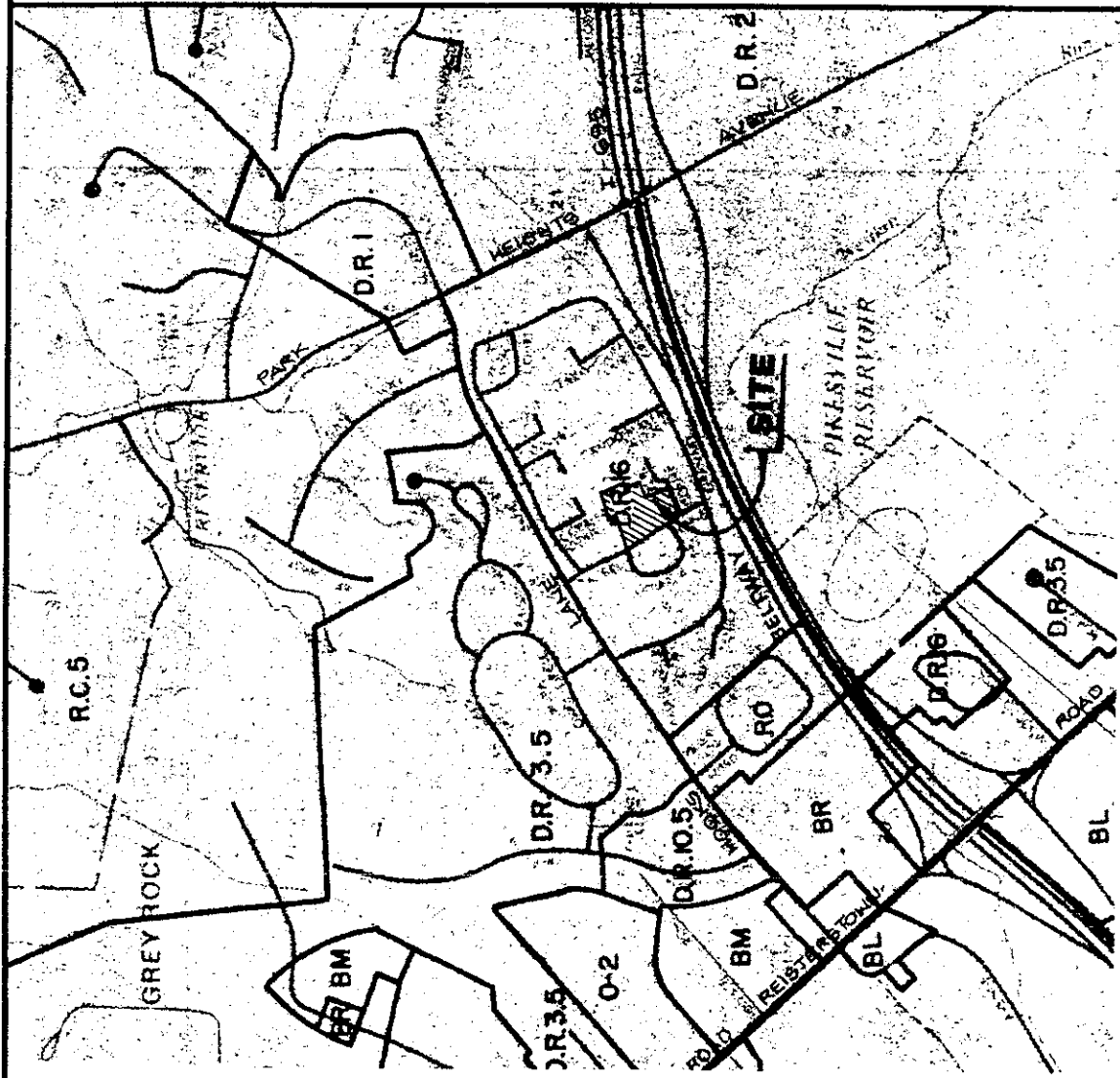
EXISTING ELEVATOR/MECHANICAL PENTHOUSE

PROPOSED EQUIPMENT CABINETS



Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204
pmlandacq@co.ba.md.us

April 11, 2002



IN RE: PETITION FOR SPECIAL EXCEPTION * BEFORE THE
NE/Corner Pacers Lane and * DEPUTY ZONING COMMISSIONER
High Stepper Court
(2 High Stepper Court)
3rd Election District * OF BALTIMORE COUNTY
2nd Councilmanic District
* Case No. 97-35-X
Annen Woods #4, a Maryland Corporation - Legal Owner
AT&T Wireless Services, Inc., - Contract Lessee - Petitioners
* * * * *

FINDINGS OF FACT AND CONCLUSIONS OF LAW

This matter comes before the Deputy Zoning Commissioner as a Petition for Special Exception for that property known as 2 High Stepper Court, located in the vicinity of Park Heights Avenue in Pikesville. The Petition was filed by the owner of the property, Annen Woods #4, a Maryland Corporation, by Howard B. Merker, and the Contract Lessee, AT&T Wireless Services, Inc., by Frances Kingsbury, Agent, through their attorney, S. Leonard Rottman, Esquire. The Petitioners seek approval of a wireless transmitting and receiving facility at the subject location, pursuant to Section 1B01.1.C.20 of the Baltimore County Zoning Regulations (B.C.Z.R.). The subject property and relief sought are more particularly described on the site plan submitted which was accepted and marked into evidence as Petitioner's Exhibit 1.

Appearing at the hearing on behalf of the Petition were Howard Merker with Annen Woods, Legal Owner of the property, Michael H. Yglesio, John Andrews, Richard Davis and Brad Fleegle with AT&T Wireless Services, Inc., Contract Lessee, and Paul A. Dorf, Esquire, attorney for the Petitioners. There were no protestants present.

Testimony and evidence offered revealed that the subject property consists of 1.756 acres, more or less, zoned D.R. 16 and is improved with a six-story condominium building known as 2 High Stepper Court. The

Petitioners are desirous of locating a wireless transmitting and receiving facility atop the roof of the subject building in accordance with Petitioner's Exhibit 1. The Petitioners submitted as Petitioner's Exhibit 2, the required Environmental Impact Statement, which indicates the suitability of the subject site for the proposed use. On behalf of the Petitioners, Mr. Merker testified that his association supports the proposed installation of the subject facility on top of the existing building as opposed to the installation of a monopole or tower elsewhere on the site. Furthermore, there were no adverse comments submitted by any Baltimore County reviewing agency.

It is clear that the B.C.Z.R. permits the use proposed in a D.R.16 zone by special exception. It is equally clear that the proposed use would not be detrimental to the primary uses in the vicinity. Therefore, it must be determined if the conditions as delineated in Section 502.1 are satisfied.

The Petitioner had the burden of adducing testimony and evidence which would show that the proposed use met the prescribed standards and requirements set forth in Section 502.1 of the B.C.Z.R. The Petitioner has shown that the proposed use would be conducted without real detriment to the neighborhood and would not adversely affect the public interest. The facts and circumstances do not show that the proposed use at the particular location described by Petitioner's Exhibit 1 would have any adverse impact above and beyond that inherently associated with such a special exception use, irrespective of its location within the zone.

Schultz v. Pritts, 432 A.2d 1319 (1981).
The proposed use will not be detrimental to the health, safety, or general welfare of the locality, nor tend to create congestion in

- 2 -

roads, streets, or alleys therein, nor be inconsistent with the purposes of the property's zoning classification, nor in any other way be inconsistent with the spirit and intent of the B.C.Z.R.

After reviewing all of the testimony and evidence presented, it appears that the special exception should be granted with certain restrictions as more fully described below.

Pursuant to the advertisement, posting of the property, and public hearing on this Petition held, and for the reasons given above, the relief requested in the special exception should be granted.

THEREFORE, IT IS ORDERED by the Deputy Zoning Commissioner for Baltimore County this 17th day of September, 1996 that the Petition for Special Exception to approve a wireless transmitting and receiving facility at the subject location, pursuant to Section 1B01.1.C.20 of the Baltimore County Zoning Regulations (B.C.Z.R.), and in accordance with Petitioner's Exhibit 1, be and is hereby GRANTED, subject to the following restriction:

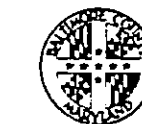
- 1) The Petitioners may apply for their building permit and be granted same upon receipt of this Order; however, Petitioners are hereby made aware that proceeding at this time is at their own risk until such time as the 30-day appellate process from this Order has expired. If, for whatever reason, this Order is reversed, the relief granted herein shall be rescinded.

Timothy M. Kotrocco
TIMOTHY M. KOTROCCO
Deputy Zoning Commissioner
for Baltimore County

TMK:bjs

- 3 -

Baltimore County Government
Zoning Commissioner
Office of Planning and Zoning



Suite 112 Courthouse
400 Washington Avenue
Towson, MD 21204

September 11, 1996

(410) 887-4386

Paul A. Dorf, Esquire
Adelberg, Rudow, Dorf, Hender & Sameth
600 Mercantile Bank & Trust Building
Two Hopkins Plaza
Baltimore, Maryland 21201

RE: PETITION FOR SPECIAL EXCEPTION
NE/Corner Pacers Lane and High Stepper Court
(2 High Stepper Court)
3rd Election District - 2nd Councilmanic District
Annen Woods #4, a Maryland Corporation - Legal Owner, and
AT&T Wireless Services, Inc., - Contract Lessee - Petitioners
Case No. 97-35-X

Dear Mr. Dorf:

Enclosed please find a copy of the decision rendered in the above-captioned matter. The Petition for Special Exception has been granted in accordance with the attached Order.

In the event any party finds the decision rendered is unfavorable, any party may file an appeal to the County Board of Appeals within thirty (30) days of the date of this Order. For further information on filing an appeal, please contact the Zoning Administration and Development Management office at 887-3391.

Very truly yours,

Timothy M. Kotrocco
TIMOTHY M. KOTROCCO
Deputy Zoning Commissioner
for Baltimore County

TMK:bjs

cc: Mr. Howard Merker, Annen Woods #4
2 High Stepper Court, Pikesville, Md. 21208

Mr. Frances Kingsbury, AT&T Wireless Services, Inc.
8403 Colesville Road, Silver Spring, Md. 20910

Mr. Jack Andrews, Broadcast Tower Sites, Inc.
4340 East West Highway, Bethesda, Md. 20814

People's Counsel; Case file

Printed with Soybean Ink
on Recycled Paper



Petition for Special Exception to the Zoning Commissioner of Baltimore County

for the property located at Two High Stepper Court
which is presently zoned DR 16

This Petition shall be filed with the Office of Zoning Administration & Development Management.
The undersigned, legal owner(s) of the property situated in Baltimore County and which is described in the description and plan attached hereto and made a part hereof, hereby petition for a Special Exception under the Zoning Regulations of Baltimore County, to use the herein described property for

a wireless transmitting and receiving facility pursuant to 1B01.1.C.20

Property is to be posted and advertised as prescribed by Zoning Regulations.
The undersigned, legal owner(s) of the property situated in Baltimore County and which is described in the description and plan attached hereto and made a part hereof, hereby petition for a Special Exception under the Zoning Regulations of Baltimore County, to use the herein described property for

Contact Purchaser/Lessee:
AT&T Wireless Services, Inc.

Frances Kingsbury
Frances Kingsbury, agent
Signature
8403 Colesville Road
Address
Silver Spring, MD 20910
City State Zipcode

Attorney for Petitioner:
S. Leonard Rottman
Adelberg, Rudow, Dorf, Hender & Sameth, LLC
Address
Two Hopkins Plaza
Baltimore, MD 21201
City State Zipcode

After the attorney's declaration and affidavit, under the penalties of perjury, that they are the legal owner(s) of the property which is the subject of this Petition.

Legal Owner(s):

Annen Woods #4, a MD Corporation
Type of Petitioner
Paul A. Dorf
Signature
Paul A. Dorf, Esquire
Type or Print Name

Signature
Two High Stepper Court
Address
Pikesville, MD 21208
City State Zipcode

Name, Address and phone number of legal owner, contract purchaser, or representative to be contacted.
Jack Andrews, Broadcast Tower Sites, Inc.
4340 East West Hwy, Bethesda, MD 20814
(301) 652-1496
Address Phone No.

Address
Baltimore, MD 21201
City State Zipcode

ESTIMATED LENGTH OF HEARING
unavailable for hearing

the following date
ALL OTHER
REVIEWED BY: *SM* DATE: *7-23-96*

Description
to Accompany Petition for Special Exception

1.756 Acre Parcel

Annen Woods:

2 High Stepper Court

Third Election District, Baltimore County, Maryland

DMW

Draft: M. C. Walker, Inc.

200 East Pennsylvania Avenue
Towson, Maryland 21206
410 286 3333
Fax 410 286 4795

A Team of Land Planners,
Landscape Architects,
Engineers, Surveyors &
Environmental Professionals

Beginning for the same on the east side of Pacers Lane, a private road, 24 feet wide, at the end of the second of the two following courses and distances measured from the point formed by the intersection of the centerline of Park Heights Avenue, 120 feet wide, with the centerline of Hooks Lane, 65 feet wide, (1) Southwesterly along the centerline of Hooks Lane 1,700 feet, more or less, thence (2) Southeasterly 385 feet, more or less, to the point of beginning, thence leaving said point of beginning and the east side of Pacers Lane and running the nine following courses and distances, viz: (1) North 62 degrees 29 minutes 48 seconds East 147.85 feet, thence (2) North 27 degrees 30 minutes 12 seconds West 19.17 feet, thence (3) North 67 degrees 06 minutes 18 seconds East 145.86 feet, thence (4) South 25 degrees 28 minutes 00 seconds East 158.31 feet, thence (5) South 64 degrees 32 minutes 00 seconds West 18.00 feet, thence (6) South 25 degrees 28 minutes 00 seconds East 42.00 feet, thence (7) South 64 degrees 32 minutes 00 seconds West 78.00 feet, thence (8) South 25 degrees 28 minutes 00 seconds East 143.00 feet, thence (9) South 64 degrees 32 minutes 00 seconds West 149.08 feet to the east side of Pacers Lane, thence running and binding on the east

31.

31

side of Pacers Lane, (10) North 33 degrees 48 minutes 24 seconds West 328.92 feet to the point of beginning; containing 1.756 acres of land, more or less.

THIS DESCRIPTION HAS BEEN PREPARED FOR ZONING PURPOSES
ONLY AND IS NOT INTENDED TO BE USED FOR CONVEYANCE.

July 18, 1996
Project No. 96036.09 (L96036.09)



NOTICE OF HEARING

The Zoning Commission of Baltimore County, by authority of the County Board of Appeals, has set a public hearing on the proposed special exception to the zoning regulations of Baltimore County, to use the herein described property for

Case 97-35-X
17th day of September, 1996
25 High Stepper Court, NEC
Pikesville, MD 21208
3rd Election District
2nd Councilmanic District
Legal Owner(s):
Annen Woods #4, a MD Corporation
Contract Purchaser/Lessee:
AT&T Wireless Services, Inc.
Special Exceptions for use
of the property and receiving
facility
Hearing Tuesday, September
19, 1996 at 11:00 a.m. at the
118, 500 Courthouse
Baltimore, Maryland 21204

Lawrence E. Schmidt
Zoning Commissioner for
Baltimore County
118, 500 Courthouse
Baltimore, Maryland 21204
Phone Call 887-3393
(31) For information concerning
the file under hearing,
Phone Call 887-3391
8/15/96 August 8 072815

CERTIFICATE OF PUBLICATION

TOWSON, MD., 8/18, 1996

THIS IS TO CERTIFY that the advertised advertisement was published in THE JEFFERSONIAN, a weekly newspaper published in Towson, Baltimore County, Md., once in each of 1 successive weeks, the first publication appearing on 8/18, 1996.

THE JEFFERSONIAN,

A. H. Hamilton
LEGAL AD. - TOWSON

TO: FUTURE PUBLISHING COMPANY
August 8, 1996 Issue - Jeffersonian
Please forward billing to:
S. Leonard Rottman, Esq.
Suite 600, Mercantile Bank Bldg.
2 Hopkins Plaza
Baltimore, MD 21201
539-5195

NOTICE OF HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing on the property identified herein in Room 106 of the County Office Building, 111 W. Chesapeake Avenue in Towson, Maryland 21204 or Room 118, Old Courthouse, 400 Washington Avenue, Towson, Maryland 21204 as follows:

CASE NUMBER: 97-35-X (Item 31)
2 High Stepper Court
NE High Stepper Court, NEC Patens Lane
3rd Election District - 2nd Councilmanic
Legal Owner(s): Anne Woods #4, a MD Corporation
Contract Purchaser/Lessor: RWT Wireless Services, Inc.

Special Exception for a wireless transmitting and receiving facility.

HEARING: TUESDAY, SEPTEMBER 3, 1996 at 11:00 a.m. in Room 118, Old Courthouse.

LAWRENCE E. SCHMIDT
ZONING COMMISSIONER FOR BALTIMORE COUNTY

NOTES: (1) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL 887-3353.
(2) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, PLEASE CALL 887-3391.



Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

August 2, 1996

NOTICE OF HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing on the property identified herein in Room 106 of the County Office Building, 111 W. Chesapeake Avenue in Towson, Maryland 21204 or Room 118, Old Courthouse, 400 Washington Avenue, Towson, Maryland 21204 as follows:

CASE NUMBER: 97-35-X (Item 31)
2 High Stepper Court
NE High Stepper Court, NEC Patens Lane
3rd Election District - 2nd Councilmanic
Legal Owner(s): Anne Woods #4, a MD Corporation
Contract Purchaser/Lessor: RWT Wireless Services, Inc.

Special Exception for a wireless transmitting and receiving facility.

HEARING: TUESDAY, SEPTEMBER 3, 1996 at 11:00 a.m. in Room 118, Old Courthouse.

Arnold Jablon
Director

cc: Anne Woods, #4, a MD Corporation
Jack Andrew/Broadcast Tower Sites, Inc.
RWT Wireless Services, Inc.
S. Leonard Rottman, Esq.

NOTES: (1) ZONING STICK AND POST MUST BE RETURNED TO RM. 104, 111 W. CHESAPEAKE AVENUE ON THE HEARING DATE.
(2) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL 887-3353.
(3) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, CONTACT THIS OFFICE AT 887-3391.

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Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

ZONING HEARING ADVERTISING AND POSTING REQUIREMENTS & PROCEDURES

Baltimore County zoning regulations require that notice be given to the general public/neighborhood property owners relative to property which is the subject of an upcoming zoning hearing. For those petitions which require a public hearing, this notice is accomplished by posting a sign on the property and placement of a notice in at least one newspaper of general circulation in the County.

This office will ensure that the legal requirements for posting and advertising are satisfied. However, the petitioner is responsible for the costs associated with these requirements.

PAYMENT WILL BE MADE AS FOLLOWS:

- 1) Posting fees will be assessed and paid to this office at the time of filing.
- 2) Billing for legal advertising, due upon receipt, will come from and should be remitted directly to the newspaper.

NON-PAYMENT OF ADVERTISING FEES WILL STAY ISSUANCE OF ZONING ORDER.

ARNOLD JABLON, DIRECTOR

For newspaper advertising:

Item No.: 31 Petitioner: Anne Woods, #4, a MD Corporation

Location: Two High Stepper Court, NEC Patens Lane

PLEASE FORWARD ADVERTISING BILL TO:

NAME: S. Leonard Rottman

ADDRESS: Suite 600, Mercantile Bank Bldg.

2 Hopkins Plaza Baltimore, MD 21201

PHONE NUMBER: 539-5195

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Baltimore County
Department of Permits and
Development Management

Development Processing
County Office Building
111 West Chesapeake Avenue
Towson, Maryland 21204

August 29, 1996

S. Leonard Rottman, Esquire
Adelberg, Rudow, Dorf, Bondler & Sameth, LLC
600 Mercantile Bank & Trust Building
Two Hopkins Plaza
Baltimore, MD 21201

RE: Item No.: 31
Case No.: 97-35-X
Petitioner: Anne Woods #4

Dear Mr. Rottman:

The Zoning Advisory Committee (ZAC), which consists of representatives from Baltimore County approval agencies, has reviewed the plans submitted with the above referenced petition, which was accepted for processing by Permits and Development Management (PDM), Zoning Review, on July 23, 1996.

Any comments submitted thus far from the members of ZAC that offer or request information on your petition are attached. These comments are not intended to indicate the appropriateness of the zoning action requested, but to assure that all parties (zoning commissioner, attorney, petitioner, etc.) are made aware of plans or problems with regard to the proposed improvements that may have a bearing on this case. Only those comments that are informative will be forwarded to you; those that are not informative will be placed in the permanent case file.

If you need further information or have any questions regarding these comments, please do not hesitate to contact the commenting agency or Roslyn Eubanks in the zoning office (887-3391).

Sincerely,

W. Carl Richards, Jr.
Zoning Supervisor

WCR/re
Attachment(s)

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BALTIMORE COUNTY, MARYLAND INTER-OFFICE CORRESPONDENCE

TO: Arnold Jablon, Director
Department of Permits & Development
Management
Date: August 9, 1996
FROM: Robert W. Bowling, Chief
Development Plans Review Division
SUBJECT: Zoning Advisory Committee Meeting
for August 12, 1996
Item Nos. 026, 027, 028, 031, 032,
034, 035, 036, 037, 040, 041, and
042

The Development Plans Review Division has reviewed the subject zoning item, and we have no comments.

RWB:HJO:jrb

cc: File

ZONE21

BALTIMORE COUNTY, MARYLAND INTER-OFFICE CORRESPONDENCE

TO: Arnold Jablon, Director
Permits and Development
Management
DATE: August 1, 1996
FROM: Pat Keller, Director
Office of Planning
SUBJECT: Petitions from Zoning Advisory Committee

The Office of Planning has no comments on the following petition(s):

Item Nos. 18, 26, 29, 31, 32, 34, 35, 36, 37, 39, 40, 41, and 42

If there should be any further questions or if this office can provide additional information, please contact Jeffrey Long in the Office of Planning at 887-3495.

Prepared by: Jeffrey W. Long
Division Chief: Paul L. Jones

PK/JL

ITEM18/PZONE/TXTJWL



Maryland Department of Transportation
State Highway Administration

David L. Winstead
Secretary
Hal Kassoff
Administrator

Ms. Joyce W...
Baltimore County Office of
Permits and Development Management
County Office Building, Room 109
Towson, Maryland 21204

RE: Baltimore County
Item No. 031 (JTB)

Dear Ms. Watson:

This office has reviewed the referenced plan and we have no objection to approval as the development does not access a State roadway and is not effected by any State Highway Administration projects.

Please contact Bob Small at 410-545-5581 if you have any questions. Thank you for the opportunity to review this plan.

Very truly yours,

for Bob Small
Ronald Burns, Chief
Engineering Access Permits
Division

BS

My telephone number is _____
Maryland Relay Service for Impaired Hearing or Speech
1-800-735-2258 Statewide Toll Free
Mailing Address: P.O. Box 717 • Baltimore, MD 21203-0717

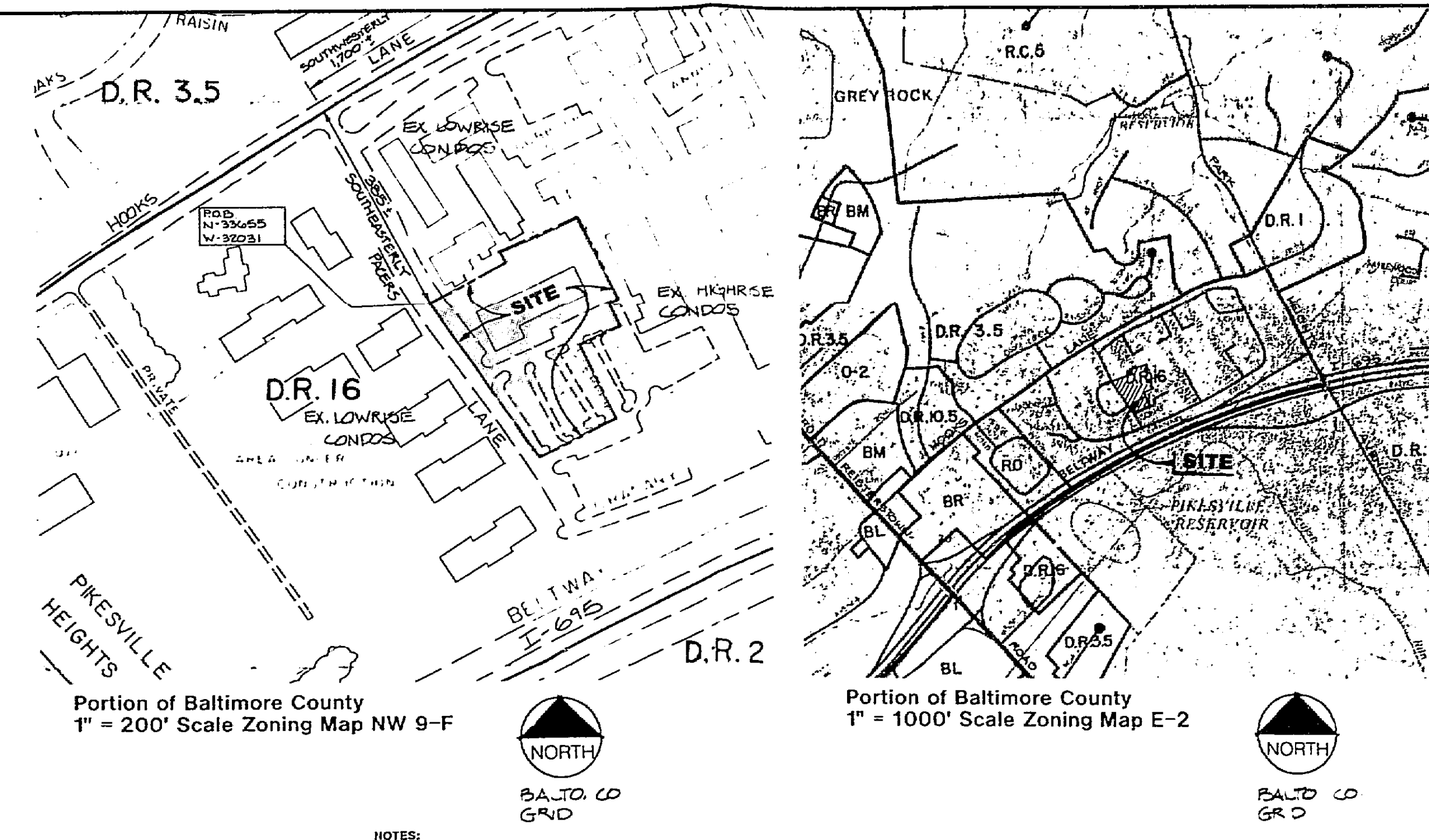
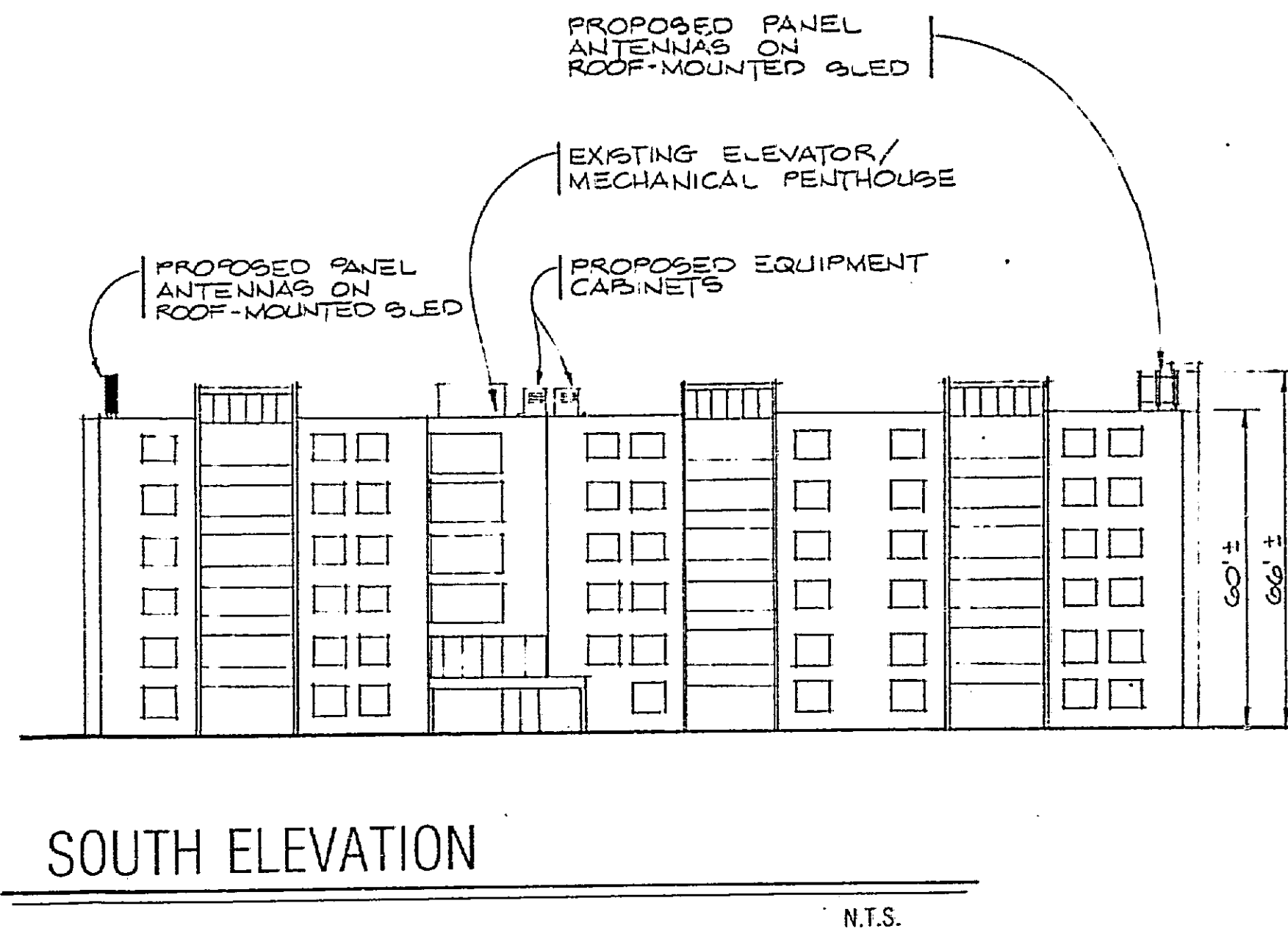
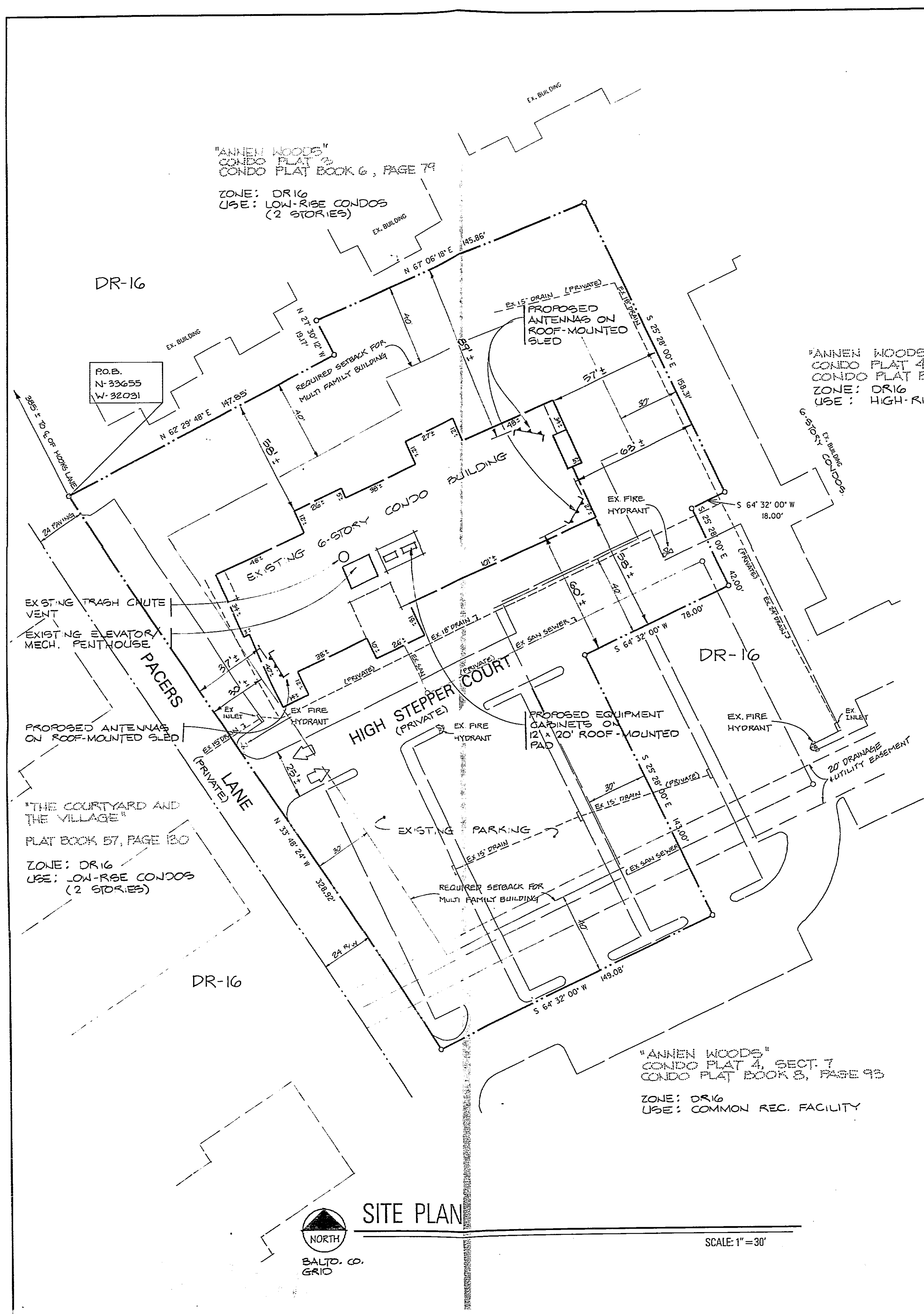
BALTIMORE COUNTY, MARYLAND DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT INTER-OFFICE CORRESPONDENCE

TO: PDM
DATE: Aug 8, 96
FROM: R. Bruce Seeley
Permits and Development Review
DEPRM
SUBJECT: Zoning Advisory Committee
Meeting Date: Aug 8, 96

The Department of Environmental Protection & Resource Management has no comments for the following Zoning Advisory Committee Items:

Item #'s: 26
27
29
30
31
32
34
36
37
40
41
42

RBS:sp
BRUCEZ/DEPRM/TXTSP



- NOTES:
- Current owner and street address: Annen Woods #4, a Maryland Corporation
Two High Stepper Court
Pikesville, MD 21208
 - Contract lessor/ Petitioner: AT&T Wireless Services, Inc.
8403 Coleville Road
Silver Spring, MD 20910
 - Site area: 1.756 Ac ±
 - Existing use: High-rise condominiums
 - Site address: 2 High Stepper Court
Pikesville, MD 21208
 - Site date: Tax map 66, block 20, parcel 511
Plat reference: CONDOMINIUM PLAT, PHASE 2, ANNEN WOODS CONDOMINIUM NO. 1, recorded E.L.K. J.L. 08, folio 92 and record plat 1st AMENDMENT (October 26, 1981) SECTIONS 7, 8A and 8B, THE VILLAGE, recorded E.L.K. J.L. 08, folio 92, Tax Account No. 521125330
Zoning: D.R. 16
Election District: 3
Councilmanic District: 2
 - The proposed wireless transmitting and receiving facility will consist of nine panel antennas on rooftop sled mounts, and two equipment cabinets located on a rooftop platform.
 - No new or additional water or sanitary utilities are required for the proposed wireless transmitting and receiving facility.
 - The information and boundary location shown herein have been compiled from deeds, plats, and other sources believed to be reliable; however their accuracy is not guaranteed and is subject to revision.
 - Environmental protection agency standards and guidelines relating to radiation emissions shall be met at all times. An Environmental Impact Statement will be provided at the hearing.
 - No lights are proposed for the wireless transmitting and receiving facility.
 - There are no signs proposed for this facility.
 - Setbacks:
Non-residential principal structure in a D.R. 16 zone pursuant to §1801.2 C 1 a
 - Requested Zoning Action:
Special Exception pursuant to BCZM §1801.1 C.29 to permit a wireless transmitting and receiving facility in a D.R. 16 zone.
(Pursuant to §502.7 D 1 the site is exempt from subparagraphs 502.7 C.1, 2, 3, 4 and 5 of the BCZM.)
 - Previous Commercial Permits:
No. E212555, Electrical

PETITIONER'S EXHIBIT

PRINTED


JUL 18 1996

DAFT-MCCUNE-WALKER, INC.

DMW
DAFT-MCCUNE-WALKER, INC.
A Team of Land Planners,
Landscape Architects,
Engineers, Surveyors &
Environmental Professionals

300 West Development Avenue
Columbia, Maryland 21046
Phone 800-470-0000

PLAN TO ACCOMPANY PETITION FOR SPECIAL EXCEPTION
AT&T WIRELESS SERVICES SM
SITE B039.9-FOUR VILLAGES
TWO HIGH STEPPER COURT

No.	Description	Date
REVISIONS		
Proj. No.	95036.09	
Date	6/27/96	
Scale	as shown	
Last Rev.		
		
Sheet		
1 of 1		

Attorney: S. Leonard Rottman
Adelberg, Rudow, Dorf, Hendler & Sameth, LLC
600 Mercantile Bank & Trust Building
2 Hopkins Plaza
Baltimore, MD 21201
(410) 539-5195